CITY OF ONTARIO
DEVELOPMENT ADVISORY BOARD

AGENDA

February 21, 2024

- **All documents for public review are on file in the Planning Department located in City Hall at 303 East "B" St., Ontario, CA 91764 and on the city's website at ontarioca.gov/Agendas/DAB**

MEETING WILL BE HELD AT 1:30 PM IN ONTARIO CITY COUNCIL CHAMBERS LOCATED AT 303 East "B" St.

Scott Ochoa, City Manager
Scott Murphy, Executive Director, Community Development Agency
Jennifer McLain Hiramoto, Executive Director, Economic Development
James Caro, Building Official
Henry Noh, Planning Director
Khoi Do, City Engineer
Chief Michael Lorenz, Police Department
Fire Marshal Paul Ehrman, Fire Department
Scott Burton, Utilities General Manager
Angela Magana, Community Improvement Manager

PUBLIC COMMENTS

Citizens wishing to address the Development Advisory Board on any matter that is not on the agenda may do so at this time. Please state your name and address clearly for the record and limit your remarks to five minutes.

Please note that while the Development Advisory Board values your comments, the members cannot respond nor take action until such time as the matter may appear on the forthcoming agenda.

AGENDA ITEMS

For each of the items listed below the public will be provided an opportunity to speak. The chairperson will open the public hearing. At that time the applicant will be allowed three (3) minutes to make a presentation on the case. Members of the public will then be allowed three (3) minutes each to speak. The Development Advisory Board may ask the speakers

questions relative to the case and the testimony provided. The question period will not count against your time limit. After all persons have spoken, the applicant will be allowed three minutes to summarize or rebut any public testimony. The chairperson will then close the public hearing portion of the hearing and deliberate the matter.

CONSENT CALENDAR ITEMS

A. MINUTES APPROVAL

Development Advisory Board Minutes of February 5, 2024, approved as written.

PUBLIC HEARING ITEMS

B. ENVIRONMENTAL ASSESSMENT AND DEVELOPMENT PLAN REVIEW FOR FILE NO. PDEV22-040: A public hearing to consider a Development Plan (File No. PDEV22-040) to construct a 61,867 square foot industrial building on 4.20-acres, on property located at 2042 S. Grove Avenue within the Business Park land use designation of the Grove Avenue Specific Plan. An Addendum to The Ontario Plan (TOP) 2050 Supplemental Environmental Impact Report (State Clearinghouse No. 2021070364), which was certified by the City Council on August 16, 2022, was prepared. This application introduces no new significant environmental impacts. The proposed project is located within the Airport Influence Area of Ontario International Airport and was evaluated and found to be consistent with the policies and criteria of the Ontario International Airport Land Use Compatibility Plan; (APN: 105-049-111) **submitted by First Industrial Realty Trust.**

1. **CEQA Determination - Addendum**

   Motion to Approve / Deny

2. **File No. PDEV22-040** (Development Plan)

   Motion to Approve / Deny

C. **ENVIRONMENTAL ASSESSMENT AND DEVELOPMENT PLAN REVIEW FOR FILE NO. PDEV23-017:** A public hearing to consider a Development Plan to construct 69 multiple-family dwellings on approximately 1.19 acres of land located at 218 East D Street, within the MU-1 (Downtown Mixed Use) zoning district. The project is categorically exempt from the requirements of the California Environmental Quality Act (CEQA) pursuant to Section 15332 (Class 32, In-fill Development Projects) of the CEQA Guidelines. The proposed project is located within the Airport Influence Area of Ontario International Airport and was evaluated and found to be consistent with the policies and criteria of the Ontario International Airport Land Use Compatibility Plan; (APNs: 1048-556-01, 1048-556-02, 1048-556-03, 1048-556-04, 1048-556-05, and 1048-556-14); **submitted by Euclid Investment Group, LLC. Planning Commission action is required.**

1. **CEQA Determination**

   No action necessary – Exempt: CEQA Guidelines Section § 15332

2. **File No. PDEV23-017** (Development Plan)

   Motion to recommend Approval/Denial

If you wish to appeal a decision of the **Development Advisory Board**, you must do so within ten (10) days of the **Development Advisory Board** action. Please contact the **Planning Department** for information regarding the appeal process.

If you challenge any action of the **Development Advisory Board** in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence delivered to the **Development Advisory Board** at, or prior to, the public hearing.

The next **Development Advisory Board** meets on **March 4, 2024**.

I, Gwen Berendsen, Administrative Assistant of the City of Ontario, or my designee, hereby certify that a true, accurate copy of the foregoing agenda was posted on or before **February 16, 2024**, at least 72 hours prior to the meeting per Government Code Section 54954.2 at 303 East "B" Street, Ontario.

Gwen Berendsen

Administrative Assistant

CITY OF ONTARIO

Development Advisory Board

Minutes

February 5, 2024

BOARD MEMBERS PRESENT

Henry Noh, Chairman, Planning Department
James Caro, Building Department
Charity Hernandez, Economic Development Agency
Khoi Do, Engineering Department
Christy Stevens, Municipal Utilities Company

BOARD MEMBERS ABSENT

Elda Zavala, Community Improvement
Paul Ehrman, Fire Department
Heather Lugo, Police Department

STAFF MEMBERS PRESENT

Gwen Berendsen, Planning Department
Robert Morales, Planning Department
Rudy Zeledon, Community Development
Raymond Lee, Engineering Department
David Eoff IV, Planning Department
Antonio Alejos, Engineering Department
Jesse Sanchez, Building Department

PUBLIC COMMENTS

No person from the public wished to speak.

CONSENT CALENDAR ITEMS

A. **APPROVAL OF MINUTES:** Motion to approve the minutes of the January 17, 2024 meeting of the Development Advisory Board was made by Ms. Stevens; seconded by Mr. Do; and approved unanimously by those present (5-0).

PUBLIC HEARING ITEMS

B. **ENVIRONMENTAL ASSESSMENT AND DEVELOPMENT PLAN REVIEW FOR FILE NO. PDEV23-026:** A hearing to consider a Development Plan to construct 95 detached single-family dwellings and 96 attached multiple family dwelling units within 16 six-plex buildings on approximately 19.62 acres of land generally located east of Haven Avenue, south of Riverside Drive and north of Chino Avenue, within the Planning Area 3 land use district of the West Haven Specific Plan. The environmental impacts of this project were previously reviewed in conjunction with an Amendment to the West Haven Specific Plan, for which an Addendum to the West Haven Specific Plan Environmental Impact Report (State Clearinghouse No. 200471095) was adopted by the City Council on July 7, 2007. This application introduces no new significant environmental

impacts. The proposed project is located within the Airport Influence Area of Ontario International Airport and was evaluated and found to be consistent with the policies and criteria of the Ontario International Airport Land Use Compatibility Plan; (APN: 0218-151-10) **submitted by Landsea Homes. Planning Commission action is required.**

Mr. Noh opened the public hearing.

Shannon Whittaker with Landsea Homes, was present.

Mr. Noh asked if the applicant had reviewed and accepted the Conditions of Approval.

Ms. Whittaker stated they agreed to the COAs.

As there was no one wishing to speak on this item, Mr. Noh closed the public hearing.

Motion to recommend approval of **File No. PDEV23-026,** subject to conditions, was made by Mr. Caro; seconded by Mr. Do; and approved unanimously by those present (5-0).

There being no further business, the meeting was adjourned to the next meeting on February 21, 2024.

Respectfully submitted,

Gwen Berendsen
Recording Secretary

CITY OF ONTARIO PLANNING DEPARTMENT

DEVELOPMENT ADVISORY BOARD DECISION

February 21, 2024

303 East B Street, Ontario, California 91764 Phone: 909.395.2036 / Fax: 909.395.2420

DECISION NO.: [insert #]

FILE NO.: PDEV22-040 - SEIR Addendum

DESCRIPTION: A public hearing to consider an Addendum to The Ontario Plan (TOP) 2050 Supplemental Environmental Impact Report ("Certified SEIR"), for a Development Plan (File No. PDEV22-040) to construct a 61,867 square foot industrial building on 4.20-acres, on property located at 2042 S. Grove Avenue within the Business Park land use designation of the Grove Avenue Specific Plan; (APN: 105-049-111) **submitted by First Industrial Realty Trust.**

PART 1: BACKGROUND & ANALYSIS

FIRST INDUSTRIAL REALTY TRUST, (herein after referred to as "Applicant") has filed a request to consider the use of an Addendum to The Ontario Plan 2050 ("TOP 2050") Supplemental Environmental Impact Report ("Certified SEIR") for the approval of a Development Plan, File No. PDEV22-040, as described in the subject of this Decision (herein after referred to as "Application" or "Project"). The Project has been submitted in conjunction with a Specific Plan Amendment to the Grove Avenue Specific Plan (File No. PSPA22-007) changing the land use designation of 4.20-acres of land from Office Commercial to Business Park (subject to City Council approval). Approval and issuance of building permits for the Development Plan will be subject to the approval of the Specific Plan Amendment by City Council.

PROJECT SETTING: The Project site is comprised of 4.20-acres of land located at 2042 S. Grove Avenue. Existing land uses, Policy Plan (general plan) and zoning designations, and specific plan land uses on and surrounding the project site are as follows:

	Existing Land Use	***Policy Plan Land Use Designation***	***Zoning Designation***	***Specific Plan Land Use Designation***
Site:	Industrial	Business Park (BP) 0.60 FAR	Grove Avenue Specific Plan	Office Commercial (SP Amendment File No. PSPA22-007 proposes land use change to Business Park as related application)
North:	Industrial	Business Park (BP) 0.60 FAR	Grove Avenue Specific Plan	Business Park
South:	Industrial	Business Park (BP)	Grove Avenue Specific Plan	Office Commercial

	Existing Land Use	*Policy Plan Land Use Designation*	*Zoning Designation*	*Specific Plan Land Use Designation*
		0.60 FAR		
East:	Industrial	Business Park (BP) 0.60 FAR	Grove Avenue Specific Plan	Business Park
West:	Industrial	Industrial 0.55 FAR	General Industrial (IG)	N/A

PROJECT DESCRIPTION:

The Project analyzed under the Addendum to The Ontario Plan (TOP) 2050 Supplemental Environmental Impact Report ("Certified SEIR") consists of a Development Plan to construct a 61,867 square foot industrial building on 4.20-acres of land, in conjunction with a Specific Plan Amendment to the Grove Avenue Specific Plan changing the land use designation from Office Commercial to Business Park.

The Application is a project pursuant to the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) ("CEQA") and an Initial Study/Addendum has been prepared to determine possible environmental impacts. All potentially significant effects have been analyzed adequately in the Certified EIR for the TOP and have been avoided or mitigated pursuant to the Certified EIR, including revisions or mitigation measures that are imposed on the proposed project. The Project will introduce no new significant environmental impacts beyond those previously analyzed in the Certified EIR, and all mitigation measures previously adopted by the Environmental Impact Report, are a condition of approval and are incorporated in the Initial Study/Addendum (see Attachment A—Initial Study/Addendum, attached). As a result, no further environmental analysis is required.

ENVIRONMENTAL REVIEW: The Addendum prepared for the Project included studies and assessments. A summary of each study is as follows:

(a) Air Quality ("AQ") and Greenhouse Gas Assessment ("GHG") – The Air Quality Assessment was prepared to evaluate potential construction and operational emissions associated with the Project and determine the level of impact the Project would have on the environment. The purpose of the Greenhouse Gas Emissions Assessment is to evaluate the potential construction and operational emissions associated with the Project and determine the level of impact the Project would have on the environment. The report analyzed existing air quality, air quality and greenhouse gas (GHG) emissions generated from Project-related sources, regional air pollution, and global climate change. The assessment also analyzed energy use resulting from implementation of the proposed Project and whether the Project would result in wasteful, inefficient, or unnecessary consumption of energy resources or confliction with any applicable plans for renewable energy and energy efficiency. The report reviewed all TOP 2050 SEIR mitigation measures applicable to the proposed Project and concluded

that the Project would not exceed the South Coast AQMD significance threshold for any criterial pollutant or exceed the annual 3,000 $MTCO_2e$/yr threshold.

(b) Biological Assessment – The Biological Assessment concluded that two listed species, Delhi Sands flower-loving fly and California black rail have the potential to occur on the Project site; however, the Project site lacks suitable habitat for these two species because the Project site is entirely developed. Therefore, the Project would have no effects to threatened and endangered species.

(c) Cultural Resources Assessment – The Cultural Resources Assessment analyzed the Prehistoric and Historic Periods of the Project site and performed an archaeological record search as well as review of the Sacred Lands Files (SLF) by the Native American Heritage Commission (NAHC). No resources were recorded in the Project site or within one mile of the Project site. The NAHC SLF search did not indicate the presence of sacred sites or locations of religious or ceremonial importance within a one-mile radius of the Project site. However, the Gabrieleno Band of Mission Indians-Kizh Nation have requested for the Applicant to have a Nation member on the site during the grading of the site. The Applicant has agreed to this condition as a condition of Project approval.

(d) Geotechnical Investigation – The Geotechnical Investigation conducted database research, field work and lab sampling for the Project site to determine whether construction was feasible on the Project site from a geotechnical standpoint. The Project site is not susceptible to landslides or liquefaction. The potential for other geologic hazards on the Project site, including lateral spreading, subsidence or collapse is considered low. While geotechnical conditions exist that should be addressed prior to construction, including mitigations found in the California Building Code, remedial grading work, stormwater infiltration installation, and other recommendations based on empirical and analytical methods typical of the standard-of-practice in southern California, the Project site was found to be feasible for the proposed Project's scope of work.

(e) Paleontological Resource Assessment – The Paleontological Resource Assessment was completed to evaluate the Project site's potential to yield paleontological resources and included a review of paleontological literature and fossil locality records for previous projects in the area, a review of the underlying geology, and recommendations to mitigate potential impacts to paleontological resources. The assessment found that there were no known fossil localities within the Project boundaries or near the Project; however, several early Holocene to late Pleistocene-age fossil localities had been made in locations one mile or greater from the Project site. As a result, no changes or additions to TOP 2050 SEIR analyses is necessary.

(f) Phase 1 Environmental Assessment – The purpose of the Phase 1 Environmental Assessment (ESA) was to perform a screening level survey for indications of the potential presence of hazardous and/or toxic materials on the Project site. The ESA was completed in accordance with the American Society for Testing and Materials

(ASTM) standards for the purposes of meeting certain landowner liability protections and identifying the potential presence of hazards on or near the Project site, including recognized environmental conditions ("RECs"), controlled recognized environmental conditions ("CRECs"), or historical recognized environmental conditions ("HRECs"). Identification of RECs, CRECs, and HRECs is important, as it aids in preventing exposure and guiding proper handling of any hazardous substances or petroleum products in, on or near a property.

The subsurface investigation found that volatile organic compounds (VOCs), metals, polychlorinated biphenyls, organochlorine pesticides, and asbestos were not considered to be chemicals of potential concern in soil. Limited detections of total petroleum hydrocarbons in the diesel and motor oil ranges were found in shallow soil throughout the staging area on the western portion. This soil could be removed as non-hazardous waste and would be excavated and disposed of off-site in accordance with applicable regulations. Several VOCs were detected in soil vapor above laboratory reporting limits but below applicable screening levels, with the exception of tetrachloroethylene (PCE) in two samples. It is noted that no potential source of PCE or other chlorinated solvents was identified in association with current or historical operations. A subsequent Human Health Risk Assessment (HRA) was conducted due to the chemical detected in the soils vapor. Based on the results of the HRA, cumulative carcinogenic risk and non-carcinogenic hazard to human receptors for commercial/industrial indoor air scenarios are within acceptable ranges and vapor intrusion mitigation is not warranted. Therefore, the study revealed no RECs, HRECs, or CRECs in connection with the Project site.

(g) Noise Assessment – A Noise Assessment was prepared to evaluate potential noise impacts, and any applicable reduction measures, associated with the proposed Project and in conjunction with TOP 2050 SEIR and the City's Municipal Code and Development Code requirements. The analysis focused on airport land use compatibility, sensitive receptors (land uses with greater sensitivity to noise, such as residential land uses), and operational and construction noise. The noise assessment concluded that the industrial land use was appropriate for the proximity to the airport, and that the construction and operational noise and vibration levels associated with the Project will not exceed City's exterior noise level or Caltrans Transportation and Construction Vibration Guidance Manual standards at the nearest noise-sensitive receiver locations.

(h) Trip Generation Assessment – A Trip Generation Assessment was prepared to address the traffic-related effects of the proposed Project in accordance with the traffic study requirements of the City of Ontario and the San Bernardino County Transportation Authority (SBCTA) Congestion Management Program (CMP). The report includes a description of existing traffic conditions in the surrounding area, estimated Project trip generation and distribution, future traffic growth, and an assessment of project-related effects on the transportation system. The report concludes that under existing conditions, all study intersections currently operate at an acceptable level of service under opening year 2025 cumulative conditions, all study intersections would continue to operate at an acceptable level of service. The Project will generate 1,269 net new daily trips with 76 net new AM and 81 net new PM peak hour trips, and the Project

meets the Low VMT Area Screening threshold. As a result, the Project is anticipated to generate 204 fewer two-way trips per day as compared to the adopted TOP 2050 in actual vehicles. Therefore, the Project's estimated trips will not exceed the City's 110 net new daily vehicle trip threshold. The report concludes that the Project would result in a less-than-significant transportation impact, and no additional VMT analysis is required.

PART 2: RECITALS

WHEREAS, The Ontario Plan (TOP) 2050 Supplemental Environmental Impact Report (State Clearinghouse No. 2021070364) was certified on August 16, 2022 (hereinafter referred to as "Certified SEIR"), in which development and use of the Project site was discussed; and

WHEREAS, the Planning Director of the City of Ontario has prepared and approved for attachment to the certified Environmental Impact Report, an Addendum to the Certified SEIR (hereinafter referred to as "EIR Addendum") in accordance with the requirements of the California Environmental Quality Act of 1970, together with State and local guidelines implementing said Act, all as amended to date (collectively referred to as "CEQA"); and

WHEREAS, the EIR Addendum concluded that implementation of the Project could result in a number of significant effects on the environment that were previously analyzed in the Certified EIR, and that the Certified EIR identified mitigation measures that would reduce each of those significant effects to a less-than-significant level; and

WHEREAS, pursuant to State CEQA Guidelines Section 15164(a), a lead agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary to a project, but the preparation of a subsequent or supplemental EIR is not required; and

WHEREAS, the City determined that none of the conditions requiring preparation of a subsequent or supplemental EIR would occur from the Project, and that preparation of an Addendum to the Certified EIR was appropriate; and

WHEREAS, the City of Ontario is the lead agency on the Project, and the Development Advisory Board (hereinafter referred to as "DAB") is the approving authority for the requested approval to construct and otherwise undertake the Project; and

WHEREAS, the DAB has reviewed and considered the SEIR Addendum and related documents for the Project, and intends to take actions on the Project in compliance with CEQA and state and local guidelines implementing CEQA; and

WHEREAS, the SEIR Addendum and related documents are on file in the City of Ontario Planning Department, located at 303 East B Street, Ontario, CA 91764, and are

available for inspection by any interested person at that location and are, by this reference, incorporated into this Resolution as if fully set forth herein; and

WHEREAS, City of Ontario Development Code Table 2.02-1 (Review Matrix) grants the DAB the responsibility and authority to review and act, on the subject Application; and

WHEREAS, City of Ontario Development Code Division 2.03 (Public Hearings) prescribes the manner in which the public notification of environmental actions shall be provided and hearing procedures to be followed, and all such notifications and procedures have been accomplished pursuant to Development Code requirements; and

WHEREAS, on February 21, 2024, the DAB of the City of Ontario conducted a hearing on the Project, and concluded said hearing on that date; and

WHEREAS, all legal prerequisites to the hearing and adoption of this Decision have occurred.

PART 3: THE DECISION

NOW, THEREFORE, IT IS HEREBY FOUND, DETERMINED AND DECIDED by the Development Advisory Board of the City of Ontario as follows:

SECTION 1: Environmental Determination and Findings. As the approving body for the Project, the DAB has reviewed and considered the information contained in the Addendum, the initial study, and the administrative record for the Project, including all written and oral evidence provided during the comment period. Based upon the facts and information contained in the Addendum, the initial study, and the administrative record, including all written and oral evidence presented to the DAB, the DAB finds as follows:

(1) The environmental impacts of the Project were reviewed in conjunction with an Addendum to The Ontario Plan (TOP) 2050 Supplemental Environmental Impact Report (State Clearinghouse No. 2021070364), certified by the Ontario City Council on August 16, 2022 in conjunction with File No. PGPA20-002; and

(2) The EIR Addendum and administrative record have been completed in compliance with CEQA, the State CEQA Guidelines, and the City of Ontario Local CEQA Guidelines; and

(3) The City's "Guidelines for the Implementation of the California Environmental Quality Act (CEQA)" provide for the use of a single environmental assessment in situations where the impacts of subsequent projects are adequately analyzed. This Application introduces no new significant environmental impacts; and

(4) All previously adopted mitigation measures shall be a condition of project approval, as they are applicable to the Project, and are incorporated herein by this reference; and

(5) The EIR Addendum contains a complete and accurate reporting of the environmental impacts associated with the Project, and reflects the independent judgment of the Development Advisory Board; and

(6) There is no substantial evidence in the administrative record supporting a fair argument that the Project may result in significant environmental impacts.

SECTION 2: Subsequent or Supplemental Environmental Review Not Required. Based on the EIR Addendum, all related information presented to the DAB, and the specific findings set forth in Section 1, above, the DAB finds that the preparation of a subsequent or supplemental Certified EIR is not required for the Project, as the Project:

(1) Does not constitute substantial changes to the Certified EIR that will require major revisions to the Certified SEIR due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; and

(2) Does not constitute substantial changes with respect to the circumstances under which the Certified SEIR was prepared that will require major revisions to the Certified EIR due to the involvement of new significant environmental effects or a substantial increase in the severity of the previously identified significant effects; and

(3) Does not contain new information of substantial importance that was not known and could not have been known with the exercise of reasonable diligence at the time the Certified SEIR was certified/adopted that shows any of the following:

(a) The Project will have one or more significant effects not discussed in the Certified SEIR; or

(b) Significant effects previously examined will be substantially more severe than shown in the Certified SEIR; or

(c) Mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the Project, but the City declined to adopt such measures; or

(d) Mitigation measures or alternatives considerably different from those analyzed in the Certified SEIR would substantially reduce one or more significant effects on the environment, but which the City declined to adopt.

SECTION 3: Housing Element Compliance. Pursuant to the requirements of California Government Code Chapter 3, Article 10.6, commencing with Section 65580,

as the approving body for the Project, the DAB finds that based on the facts and information contained in the Application and supporting documentation at the time of Project implementation, the Project is consistent with the Housing Element of the Policy Plan (General Plan) component of The Ontario Plan, as the Project site is not one of the properties in the Housing Element Sites contained in Tables B-1 and B-2 (Housing Element Sites Inventory) of the Housing Element Technical Report. The proposed project includes the development of an industrial building, with an Addendum to the TOP EIR, as envisioned and permitted through the underlying Specific Plan and TOP, and as such, does not present an inconsistency or conflict with the Housing Element of the Policy Plan

SECTION 4: Airport Land Use Compatibility Plan ("ALUCP") Compliance. The California State Aeronautics Act (Public Utilities Code Section 21670 et seq.) requires that an Airport Land Use Compatibility Plan be prepared for all public use airports in the State; and requires that local land use plans and individual development proposals must be consistent with the policies set forth in the adopted Airport Land Use Compatibility Plan.

(1) On April 19, 2011, the City Council of the City of Ontario approved and adopted the ONT ALUCP, establishing the Airport Influence Area for Ontario International Airport, which encompasses lands within parts of San Bernardino, Riverside, and Los Angeles Counties, and limits future land uses and development within the Airport Influence Area, as they relate to noise, safety, airspace protection, and overflight impacts of current and future airport activity. As the approving body for the Project, the DAB has reviewed and considered the facts and information contained in the Application and supporting documentation against the ONT ALUCP compatibility factors, including [1] Safety Criteria (ONT ALUCP Table 2-2) and Safety Zones (ONT ALUCP Map 2-2), [2] Noise Criteria (ONT ALUCP Table 2-3) and Noise Impact Zones (ONT ALUCP Map 2-3), [3] Airspace protection Zones (ONT ALUCP Map 2-4), and [4] Overflight Notification Zones (ONT ALUCP Map 2-5). As a result, the DAB, therefore, finds and determines that the Project, when implemented in conjunction with the conditions of approval, will be consistent with the policies and criteria set forth within the ONT ALUCP.

SECTION 5: Development Advisory Board Action. The DAB does hereby find that based upon the entire record of proceedings before it, and all information received, that there is no substantial evidence that the Project will constitute substantial changes to the Certified SEIR, and does hereby approve the adoption of the EIR Addendum to the Certified EIR, which is included as Attachment A of this Decision.

SECTION 6: Indemnification. The Applicant shall agree to defend, indemnify and hold harmless, the City of Ontario or its agents, officers, and employees from any claim, action or proceeding against the City of Ontario or its agents, officers or employees to attack, set aside, void or annul this approval. The City of Ontario shall promptly notify the applicant of any such claim, action or proceeding, and the City of Ontario shall cooperate fully in the defense.

SECTION 7: Custodian of Records. The documents and materials that constitute the record of proceedings on which these findings have been based are located at the City of Ontario City Hall, 303 East "B" Street, Ontario, California 91764. The custodian for these records is the City Clerk of the City of Ontario. The records are available for inspection by any interested person, upon request.

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APPROVED AND ADOPTED this 21st day of February 2024.

Development Advisory Board Chairman

Attachment A

Addendum to The Ontario Plan (TOP) 2050 Supplemental Environmental Impact Report

(EIR Addendum follows this page)

Addendum to The Ontario Plan 2050 Supplemental Environmental Impact Report

CITY OF ONTARIO PLANNING DEPARTMENT

303 East B Street, Ontario, California 91764 Phone: 909.395.2036 / Fax: 909.395.2420

1. Project Title/File Nos.: File Nos.: PDEV22-040 & PSPA22-007 First Grove

2. Lead Agency: City of Ontario-Planning Department, 303 East B Street, Ontario, California 91764

3. Contact Person : Luis E. Batres, Phone : (909) 395-2431, Email : Lbatres@ontarioca.gov

4. Project Sponsor: First Industrial Realty Trust, Inc; 898 N. Pacific Coast Highway Ste. 175, El Segundo, CA 90245

5. Project Location: The Project site is located in southwestern San Bernardino County, within the City of Ontario. The City of Ontario is located approximately 40 miles from downtown Los Angeles, 20 miles from downtown San Bernardino, and 30 miles from Orange County. As illustrated on Figures 1, *Regional Location Map*, and 2, *Aerial Site Photograph*, below, the Project site is located at 2042 South Grove Avenue (APN: 1050-491-11). The Project site is bordered by South Grove Avenue to the east, industrial uses to the west, and commercial/office uses to the north and south. Regional access is provided via State Route 83 (SR-83) and State Route 60 (SR-60).

6. Policy Plan (General Plan) Designation: Business Park

7. Zoning Designation: Existing – Specific Plan (Office/Commercial under the Grove Avenue Specific Plan); Proposed – Business Park

8. Description of Project: The Project proposed the following entitlements:

    1. A Specific Plan Amendment (File No. PSPA22-007) to the Grove Avenue Specific Plan to change the land use designation of 4.2 acres of land from Office/Commercial to Business Park; and

    2. A Development Plan (File No. PDEV22-040) to construct a 61,867 square foot industrial building on 4.2 acres within the Business Park land use designation of the Grove Avenue Specific Plan. The Project is located at 2042 South Grove Avenue (APN: 1050-491-11).

    Specific Plan Amendment (File No. PSPA22-007)
    The Grove Avenue Specific Plan was adopted in May 1993. The Specific Plan is located on 250.15 acres of land generally located north of the SR-60 and south of Mission Boulevard. The Specific Plan Amendment will include the following revisions to the Specific Plan:

    - Exhibit 7, Land Use Plan, that currently identifies the 4.2 acres site, as of Office/Commercial and will be change to Business Park; and

    - Changes to Table 2, Grove Avenue Specific Plan Statistical Summary, to reflect land use change.

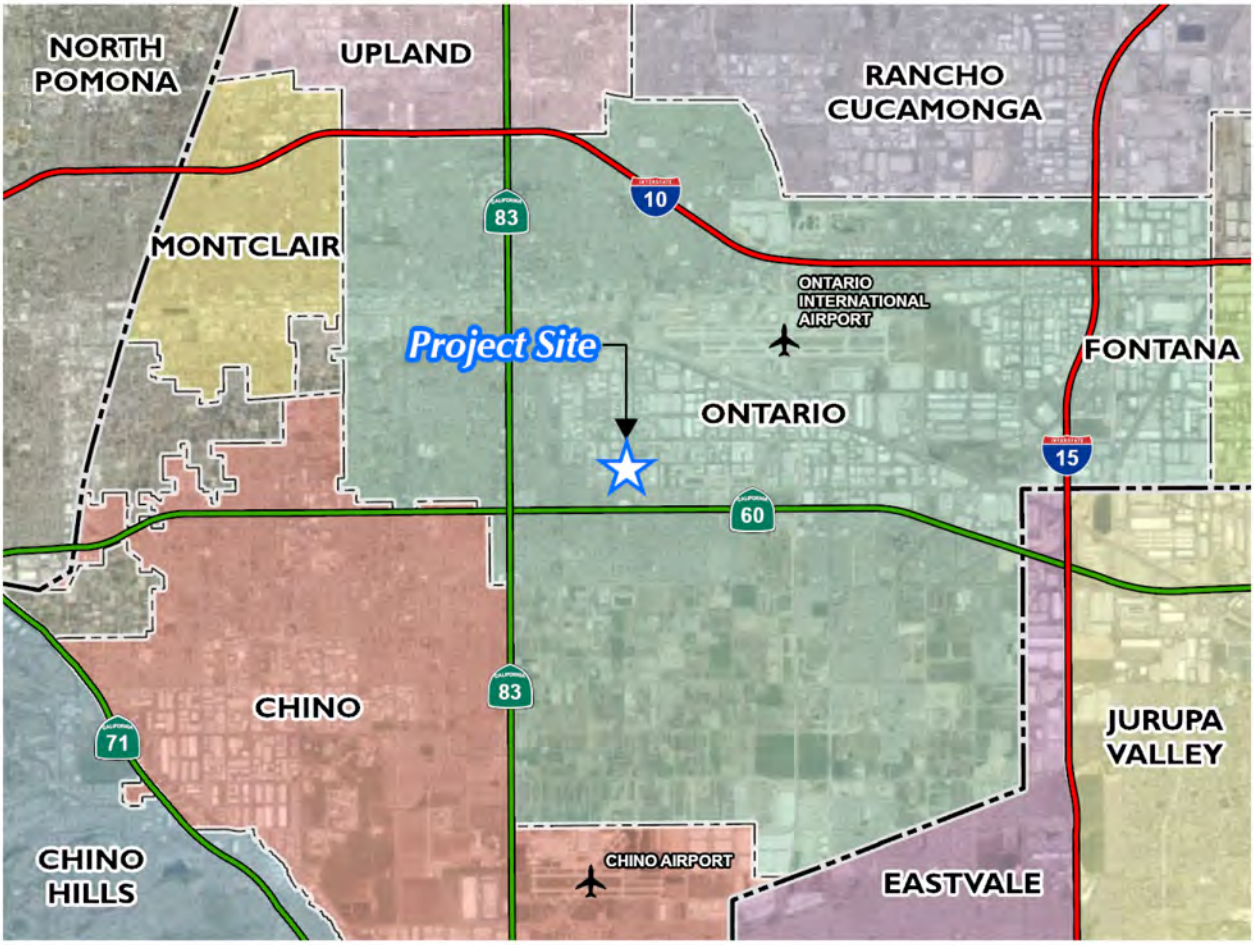


Figure 1: Regional Location Map

Figure 2: Aerial Site Photograph

Development Plan (File No. PDEV22-040)

The Project Applicant seeks to demolish the existing structures and re-develop the 4.2-acre site as a warehouse facility with approximately 61,867 square feet (s.f.) of building area as shown on Figure 3, *Site Plan*. Of the total building square footage, the Project would allocate 56,867 s.f. for warehousing/distribution and 7,500 s.f. for office uses. The Project would require demolition of the existing buildings and structures, associated on-site landscaping, and associated on-site parking.

Building Characteristics and Operations

As depicted in Figure 4, *Building Elevations (North and West) and Figure 5, Building Elevations (South and East)*, the proposed building will be a one-story, 36-foot tall speculative warehouse/distribution and office facility, designed to be visually compatible with adjacent buildings and uses. The primary color scheme of the proposed building would include varying shades of white, grays, and dark grays and would be further accented with blue reflective glazing. The building is designed with 13 dock doors on the west-facing side of the building.

Although the ultimate end-user is unknown at this time, for purposes of conservative analysis, the Project is assumed to operate up to 24-hours daily, 7 days a week. Loading and unloading activities would occur at the back of the building at the west elevation.

Circulation and Parking

Vehicular access will be provided via 2 driveways on South Grove Avenue. The southern driveway would be restricted to passenger vehicles only. The Project includes surface parking with ±94 parking spaces. Of the ±94 spaces, there are ±90 standard automobile parking stalls, 3 standard accessible parking stalls, and 1 van accessible parking stall. Passenger vehicle parking stalls would be located in parking areas positioned at the eastern side of the proposed building, at the northwestern corner of the proposed building and along the western boundary of the Project site. Additionally, a bicycle rack would be provided at the northeastern corner of the building near the office space. The Project would further include 6 truck trailer parking spaces located along the western boundary of the Project site, closest to the 13 proposed dock doors.

Landscaping, Walls, and Lighting

As depicted in Figure 6, *Landscape Plan*, a variety of trees, shrubs, accent plants, and ground cover are proposed along the perimeter of the Project site and parking area. Landscaping will feature drought-tolerant plant materials for a total of 90 trees, including 53 15 gallon, 4 48" box, 8 36" box, and 25 24" box trees.

A proposed retaining wall would border portions of the northern, southern, and the entire western boundary of the site. Additionally, an 8-foot tall wrought iron tubular fence would border the Project's northern, western, and eastern boundary.

Exterior lighting would be installed on-site, as necessary, for safety, security, and wayfinding. Decorative architectural lighting as well as landscape lighting would also be installed to accent building entries as focal points throughout the site. Ornamental landscaping, lighting, walls and utility infrastructure improvements/connections would be installed per compliance with the City's Municipal Code.

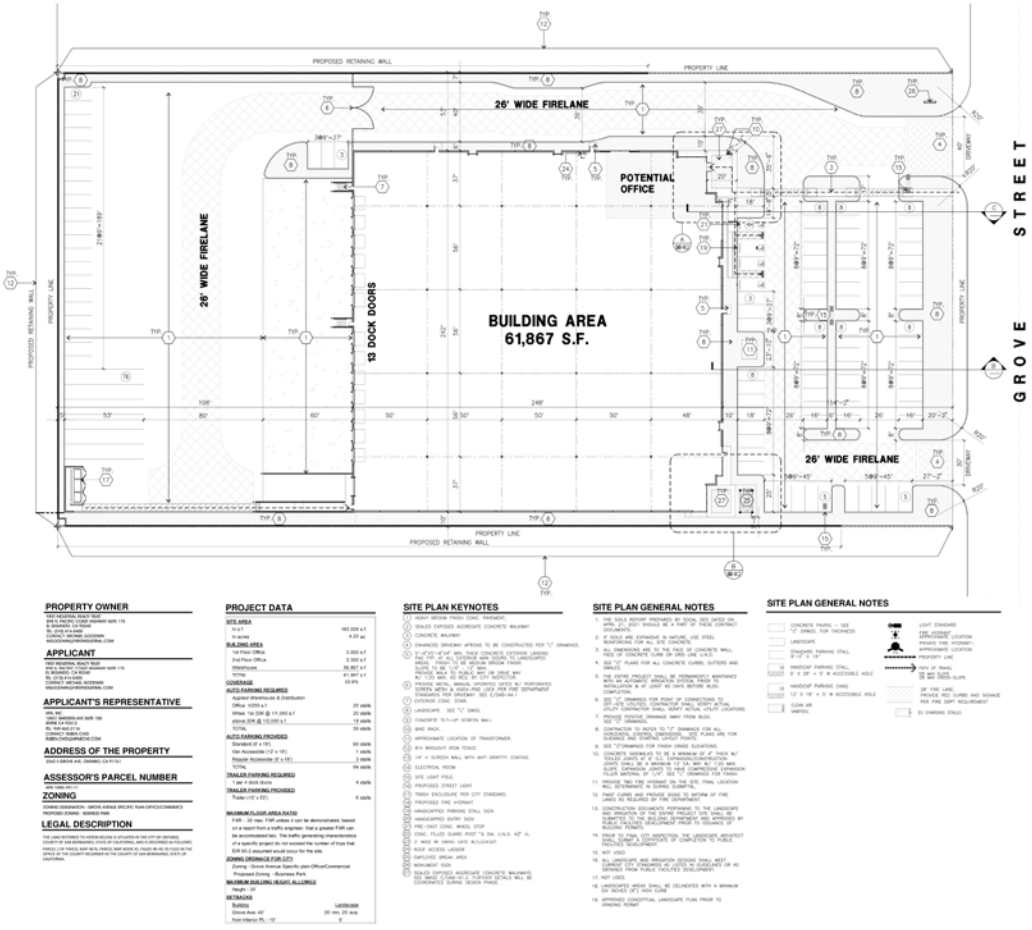


Figure 3: Site Plan

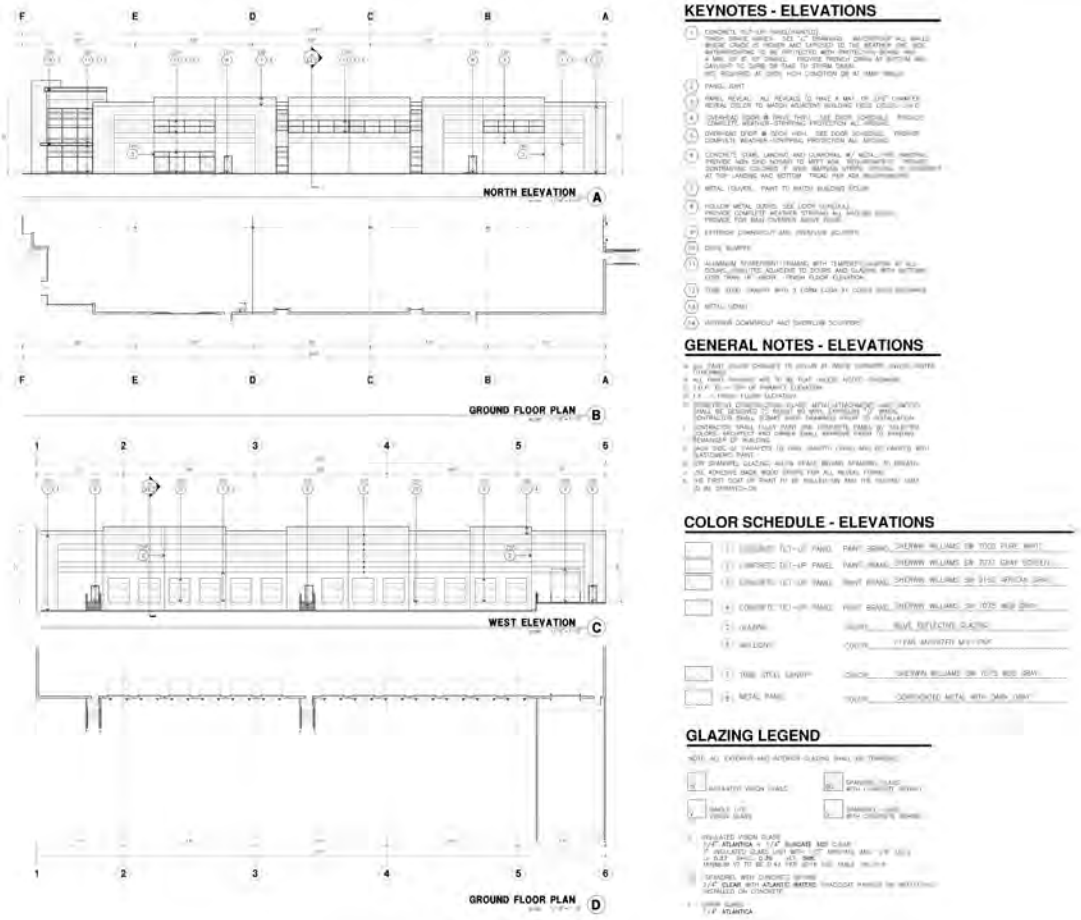


Figure 4: Building Elevations (North and West)

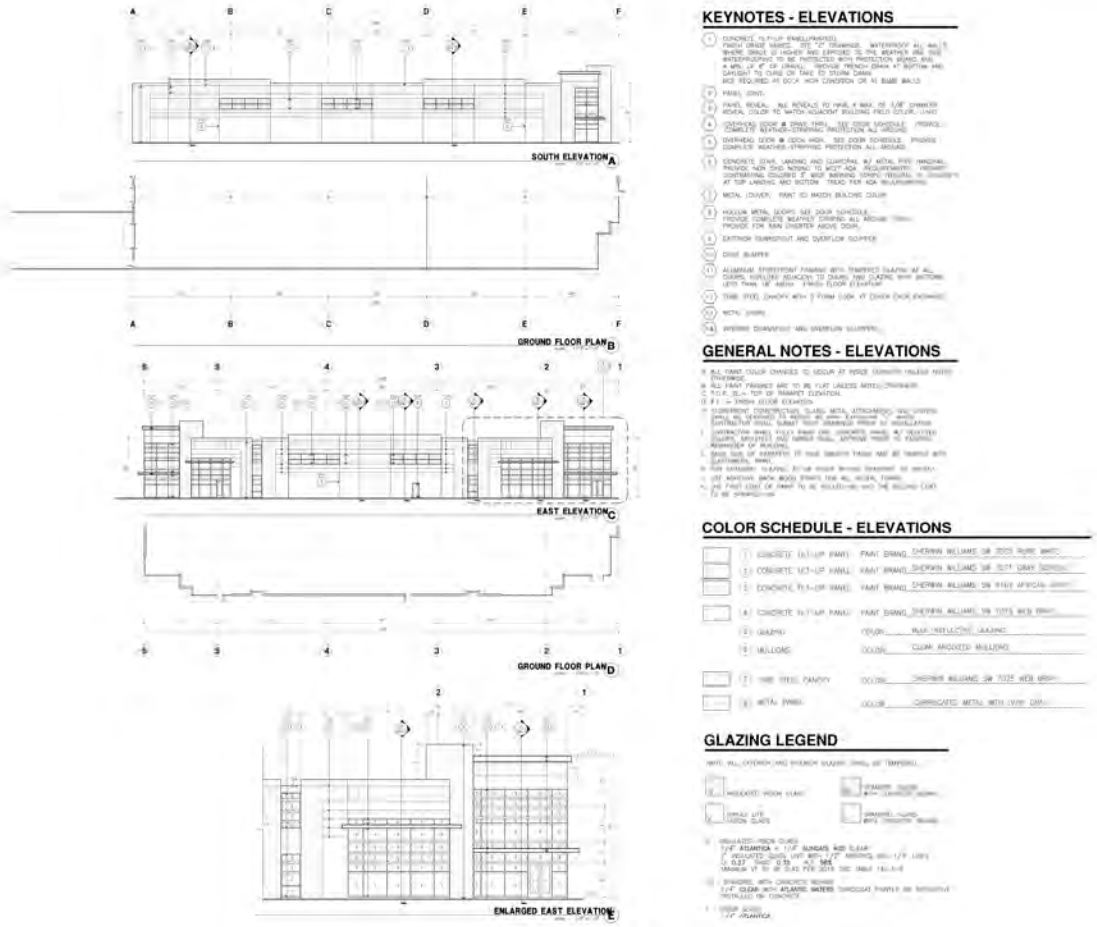
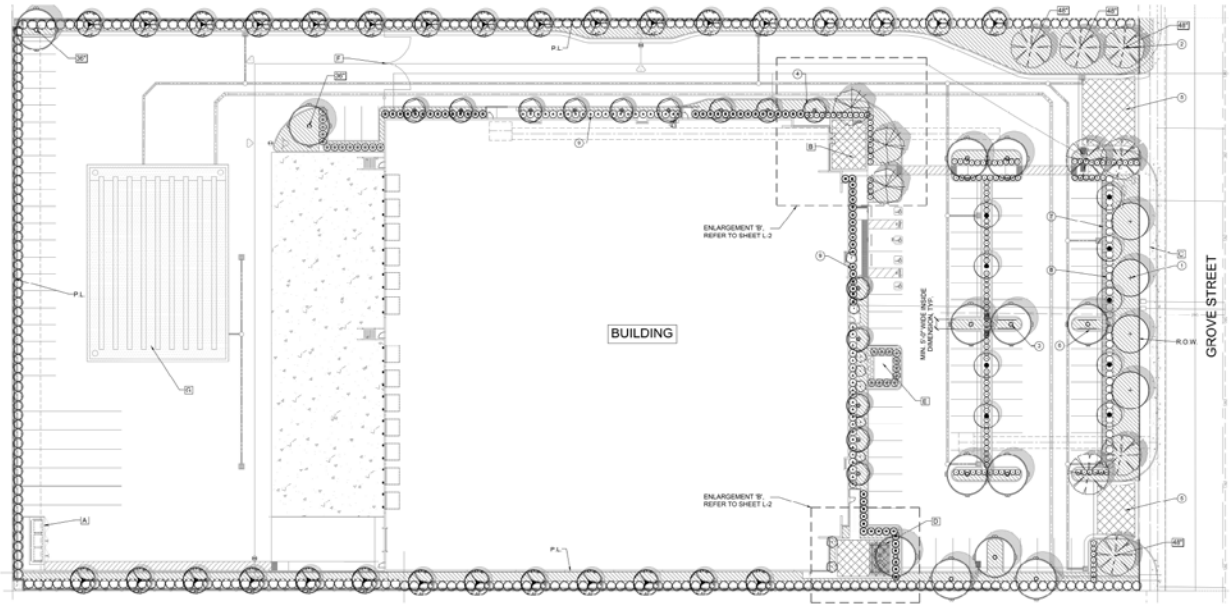


Figure 5: Building Elevations (South and East)



DESIGN KEY NOTES:

1. STREET TREE PER TREE LEGEND.
2. ACCENT TREE AT FOCAL AREAS PER LEGEND.
3. PARKING LOT SHADE TREE PER LEGEND.
4. DROUGHT TOLERANT GROUND COVER AND SHRUB MASSES.
5. ENHANCED VEHICULAR ENTRY PAVING. COLORED GRID PATTERN CONCRETE.
6. ALL TREE LOCATED 3' OR LESS TO CURB, WALKWAY OR WALL SHALL BE INSTALLED WITH DEEP ROOT BARRIER PANELS. 18" MIN. DEPTH X 10' WIDE PANEL.
7. ALLOW 24" CLEARANCE FROM BACK OF CURB TO SHRUB. PROVIDE MULCH BETWEEN BACK OF CURB AND SHRUB.
8. SCREEN HEDGE PER PLANTING LEGEND.
9. FOUNDATION SHRUBS ALONG BUILDING PER LEGEND.
10. TYP. 12" WIDE MONOLITHIC CONCRETE CURB AT PARKING SPACES ADJACENT TO PLANTERS.
11. CONCRETE MOWSTRIPS TO IDENTIFY PROPERTY LINES.

REFERENCE KEY NOTES:

- A. TRASH ENCLOSURE PER ARCHITECTURAL PLAN.
- B. CONCRETE PAVING AREA PER ARCH. SITE PLAN.
- C. PUBLIC SIDEWALK PER CIVIL PLAN.
- D. EMPLOYEE BREAK AREA PER ARCH. PLAN.
- E. TRANSFORMER PER CIVIL PLAN.
- F. GATE PER ARCH. PLAN.
- G. UNDERGROUND INFILTRATION SYSTEM PER CIVIL PLAN.

LANDSCAPE DATA

NET LOT AREA = 179,396 S.F. | 4.12 ACRES
LANDSCAPE PROVIDED = 23,452 S.F.
LANDSCAPE RATIO = 13%

PARKING AREA TREE REQUIREMENTS

TOTAL NUMBER OF PARKING SPACES = 98

TOTAL NUMBER OF TREES REQUIRED (1 TREE/4 SPACES) = 25 TREES

TOTAL NUMBER OF TREES PROVIDED = 29 TREES

PRELIMINARY MAWA CALCULATIONS

TOTAL LANDSCAPE SQUARE FOOTAGE : APPROX. 23,452 SQ.FT.
AVERAGE PLANT FACTOR = .2
ETO FOR THE ONTARIO AREA: 54.6 INCHES/YEAR
MAXIMUM APPLIED WATER ALLOWANCE (MAWA) = 357,254 GAL/YEAR
(54.6) X (.45) X (23,452) X (.62) = 357,254

Figure 6: Landscape Plan

Infrastructure Improvements

Water service to the Project site will be provided by the Ontario Municipal Utilities Company (OMUC). As shown in Figure 7, *Conceptual Utilities Plan*, water would be accommodated via proposed water lines that would extend from the eastern portion of the building and proposed fire hydrants to an existing 6-inch water main on South Grove Avenue.

Sanitary sewer service to the Project site would be provided by Inland Empire Utilities Agency (IEUA). Sewer would be accommodated via proposed sewer lines that would extend from the northwestern and northeastern corners of the building to an existing 10-inch sewer main on South Grove Avenue.

Stormwater will be directed to the on-site underground infiltration/detention system between the parking stalls along the western boundary and the paved loading dock section. The overflow from the underground system will discharge through a proposed parkway drain onto South Grove Avenue. A system of catch basins laid around the site will collect and pre-treat stormwater before it enters the underground system via a network of PVC pipes. The existing drainage pattern of the rear bio-swale will be kept by including a pipe that runs along the west boundary of the site from north to south in order to collect stormwater from the northern property and convey it to the southern property.

Electricity will be provided by Southern California Edison. All new dry utility infrastructure would be installed underground and within the Project site.

Project Construction Characteristics:

Project construction would occur in one phase over approximately one year with an opening year of 2025. Construction activities and durations are as follows:

- Demolition
- Site Preparation & Grading
- Building Construction
- Paving
- Architectural Coating & Landscaping

The Project will require demolition of the existing buildings and asphalt paving on site. As depicted in Figure 8, *Conceptual Grading Plan*, the Project would balance and no export/import of soils would be required.

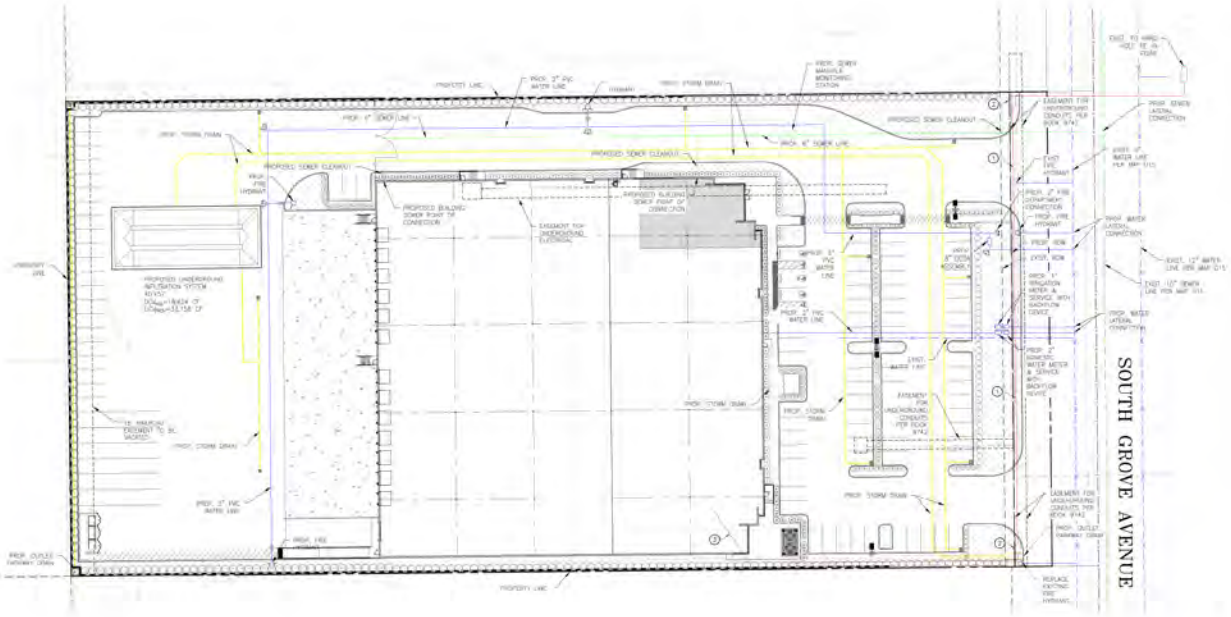


Figure 7: Conceptual Utilities Plan

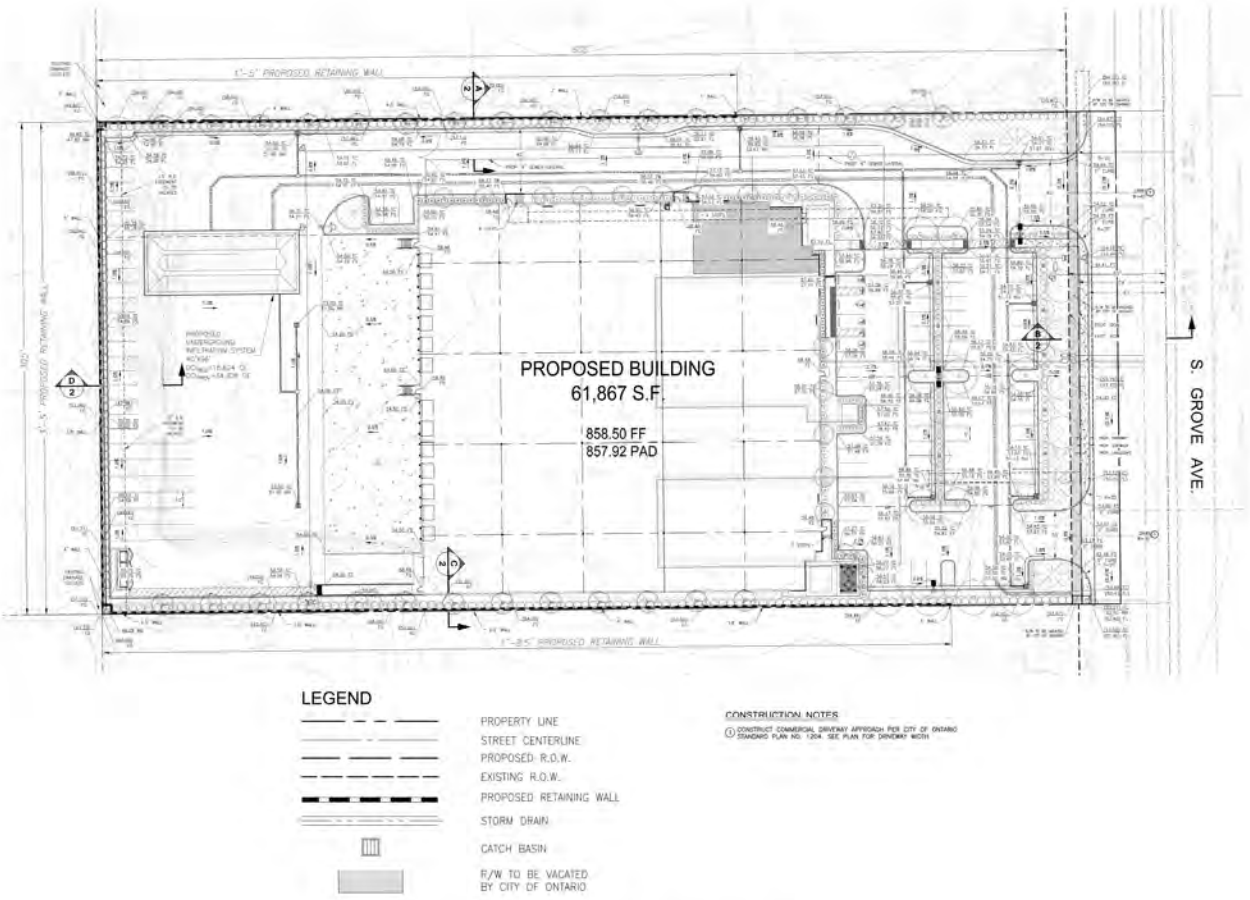


Figure 8: Conceptual Grading Plan

9. Project Setting: As shown in Figure 2, the Project site is currently developed with two buildings (an office and a warehouse/maintenance building) including associated parking lots, stockpile areas and ornamental landscaping and occupied by a telecommunication company with vehicle maintenance operations on-site (southern building). Excavated material generated off-site is temporarily staged along the western and southern boundary of the Project site. Vehicular access to the Project site is from two driveways along South Grove Avenue. Sidewalks are currently not present along South Grove Avenue.

   Background: On January 27, 2010, the Ontario City Council adopted The Ontario Plan ("TOP"). An Environmental Impact Report ("EIR") was prepared for TOP (State Clearinghouse No. 2008101140) and certified by the City Council on January 27, 2010 (hereinafter referred to as "Certified EIR"), which included Mitigation, Findings and a Statement of Overriding Considerations pursuant to the requirements of the California Environmental Quality Act, commencing with Public Resources Code Section 21000 ("CEQA"). Subsequently, on August 16, 2022, the Ontario City Council adopted The Ontario Plan 2050 ("TOP 2050"), an update to TOP. TOP 2050 serves as the framework for the City's business plan and provides a foundation for the City to operate as a municipal corporation that consists of six (6) distinct components: 1) Vision; 2) Governance Manual; 3) Policy Plan; 4) Council Priorities; 5) Implementation; and 6) Tracking and Feedback. The Policy Plan component of TOP 2050 meets the functional and legal mandate of a General Plan and contains nine elements: Land Use, Housing, Parks and Recreation, Environmental Resources, Community Economics, Safety, Mobility, Community Design and Social Resources.

   A Supplemental Environmental Impact Report ("SEIR") was prepared for TOP 2050 (State Clearinghouse No. 2021070364) and was certified by the City Council on August 16, 2022 (hereinafter referred to as "Certified SEIR"). The Certified SEIR analyzed the direct and physical changes in the environment that would be caused by TOP 2050; focusing on changes to land use associated with the buildout of the proposed land use plan compared to the TOP, and in the Policy Plan and impacts resultant of population and employment growth in the City.

   The Project site was analyzed in the Certified SEIR as Business Park to be consistent with the business park uses to the north and east of the Project site. The significant unavoidable adverse impacts that were identified in Certified SEIR included air quality, cultural resources, noise, and transportation.

10. CEQA Requirements for an Addendum: If changes to a project or its circumstances occur or new information becomes available after adoption of a negative declaration, the lead agency may: (1) prepare a subsequent EIR if the criteria of State CEQA Guidelines Section 15162(a) are met, (2) prepare a subsequent negative declaration, (3) prepare an addendum, or (4) prepare no further documentation. (State CEQA Guidelines Section 15162(b)). When only minor technical changes or additions to the negative declaration are necessary and none of the conditions described in section 15162 calling for the preparation of a subsequent EIR or negative declaration have occurred, CEQA allows the lead agency to prepare and adopt an addendum. (State CEQA Guidelines Section 15164(b).)

    Under Section 15162, a subsequent EIR or negative declaration is required only when:

    1) Substantial changes are proposed in the project which will require major revisions of the previous negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;

2) Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the negative declaration due to the involvement of any new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or

3) New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the negative declaration was adopted, shows any of the following:

   a) The project will have one or more significant effects not discussed in the previous negative declaration;

   b) Significant effects previously examined will be substantially more severe than shown in the previous EIR;

   c) Mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or

   d) Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

Thus, if the Project does not result in any of the circumstances listed in Section 15162 (i.e., no new or substantially greater significant impacts), the City may properly adopt an addendum to the Certified SEIR.

11. Analysis: According to the California Environmental Quality Act Guidelines Section 15164, an Addendum to a previously certified EIR may be used if some changes or additions are necessary, but none of the conditions described in Section 15162 requiring the preparation of a subsequent Negative Declaration or EIR have occurred. The CEQA Guidelines require that a brief explanation be provided to support the findings that no subsequent EIR or Negative Declaration are needed for further discretionary approval. These findings are described below:

    1) Required Finding: Substantial changes are not proposed for the project that will require major revisions of the previous EIR due to the involvement of new, significant environmental effects or a substantial increase in the severity of previously identified effects.

    Substantial changes are not proposed by the Project and Project implementation will not require revisions to the Certified SEIR. The Certified SEIR analyzed the direct and physical changes in the environment that would be caused by TOP 2050; focusing on changes to land use associated with the buildout of the proposed land use plan. The Project site is located within the Business Park land use designation of the TOP 2050. As discussed in the Certified SEIR, maximum development of the Project site (4.2 acres) would not exceed 109,817 s.f. of industrial uses based on a maximum FAR of 0.60 under the TOP 2050 land use plan. As discussed above, the Project proposes the development of an approximately 61,867 s.f. warehouse building. The proposed building would be approximately 47,950 s.f. less than the

maximum allowed under TOP 2050. Therefore, the proposed Project will result in less development of the site than the Certified SEIR analyzed at buildout (i.e., 61,867 s.f. vs. 109,817 s.f.). Since the anticipated buildout resulting from the proposed project changes will be less than that originally analyzed in the Certified SEIR, no revisions to Certified SEIR are required. In addition, all previously adopted mitigation measures are a condition of project approval and are incorporated herein by reference. This Addendum provides an analysis of the Project and verification that the Project will not cause environmental impacts such that any of the circumstances identified in State CEQA Guidelines Section 15162 are present.

2) *Required Finding: Substantial changes have not occurred with respect to the circumstances under which the project is undertaken, that would require major revisions of the previous Environmental Impact Report due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects.*

Substantial changes have not occurred with respect to the circumstances under which the project was undertaken, that would require major revisions to the Certified SEIR. The Project would be developed consistent with the Industrial land use designation of the site as the site was analyzed in the Certified SEIR. Therefore, no proposed changes or revisions to the Certified SEIR are required. In addition, all previously adopted mitigation measures are a condition of project approval and are incorporated herein by reference. This Addendum provides an analysis of the Project and verification that the Project will not cause environmental impacts such that any of the circumstances identified in State CEQA Guidelines Section 15162 are present.

3) *Required Finding. No new information has been provided that would indicate that the proposed project would result in one or more significant effects not discussed in the previous EIR.*

No new information has been provided that would indicate the proposed Project would result in any new significant effects not previously discussed in the Certified SEIR. The Certified SEIR analyzed the Project site as Industrial consistent with surrounding industrial properties to the north, east, and west. Therefore, no proposed changes or revisions to the Certified SEIR are required. In addition, all previously adopted mitigation measures are a condition of project approval and are incorporated herein by reference. This Addendum provides an analysis of the Project and verification that the Project will not cause environmental impacts such that any of the circumstances identified in State CEQA Guidelines Section 15162 are present.

12. Conclusion: The Certified SEIR, as certified by City Council on August 16, 2022, was prepared as a Program EIR in accordance with CEQA, the State CEQA Guidelines, and the City's Rules for the Implementation of CEQA and in accordance with Section 15121(a) of the State CEQA Guidelines (California Code of Regulations, Title 14, Division 6, Chapter 3). The Certified SEIR considered the direct physical changes and reasonably foreseeable indirect physical changes in the environment that would be caused by TOP 2050. Consequently, the Certified SEIR focused on impacts from changes to land use associated with buildout of the City's land use plan and impacts from the resulting population and employment growth in the City. The proposed Project is consistent with the existing land use designations and with development in the surrounding areas. As described on page 12, the amount of development under the

proposed Project will be less than the development analyzed in the Certified SEIR.

Accordingly, and based on the findings and information contained in the Certified SEIR, the analysis in this document, and CEQA statute and State CEQA Guidelines, including Sections 15164 and 15162, the Project will not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary, nor is there a need for any additional mitigation measures.

13. Surrounding Land Uses:

	Existing Land Use	General Plan Designation	Zoning Designation	Specific Plan Land Use
Site:	Office and Warehouse	Business Park (BP)	Grove Avenue Specific Plan	Office/Commercial
North:	Commercial/Office uses	BP	Grove Avenue Specific Plan	Business Park
South:	Commercial/Office uses	BP; General Commercial (GC)	Grove Avenue Specific Plan; Community Commercial (CC)	Commercial
East:	Commercial/Office uses	BP	Grove Avenue Specific Plan	Business Park
West:	Industrial uses	Industrial	Light Industrial (IL); General Industrial (IG)	N/A

14. Other public agencies whose approval is anticipated include (e.g., permits, financing approval or participation agreement):

- Santa Ana Regional Water Quality Control Board (Issuance of a National Pollutant Discharge Elimination System Permit; Issuance of a Construction General Permit);
- State Water Resources Control Board (Stormwater Pollution Prevention Plan);
- South Coast Air Quality Management District (Issuance of Air Quality permits to construct and operation, if necessary)

15. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1?

☒Yes ☐ No

If "yes", has consultation begun? ☐ Yes ☐ No ☒ Completed

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

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

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

DETERMINATION (To be completed by the Lead Agency)

On the basis of this initial evaluation:

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

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

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

☐ I find that the proposed project MAY have a "potentially significant" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

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

Signature:	Date: November 21, 2023
Printed Name: Luis E. Batres	For: City of Ontario

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 than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect is 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 mitigation measures has reduced an effect from "Potentially Significant Impact" to a "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 the "Earlier Analyses" Section may be cross-referenced).

5. Earlier analyses may 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 Analyses 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 source 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 whatever 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.

Issues	*Potentially Significant Impact*	*Less Than Significant with Mitigation*	*Less Than Significant Impact*	*Impacts Previously Analyzed in TOP 2050 SEIR*
1. AESTHETICS. Except as provided in Public Resources Code section 21099, would the project:				
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?)	☐	☐	☐	☒
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☐	☒
2. AGRICULTURE AND FOREST 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	☐	☐	☐	☒

Issues	*Potentially Significant Impact*	*Less Than Significant with Mitigation*	*Less Than Significant Impact*	*Impacts Previously Analyzed in TOP 2050 SEIR*
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?	☐	☐	☐	☒
3. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☐	☒
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	☐	☒
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☐	☒
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☐	☒
4. BIOLOGICAL RESOURCES. Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☒
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒

Issues	*Potentially Significant Impact*	*Less Than Significant with Mitigation*	*Less Than Significant Impact*	*Impacts Previously Analyzed in TOP 2050 SEIR*
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?	☐	☐	☐	☒
5. CULTURAL RESOURCES. Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?	☐	☐	☐	☒
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?	☐	☐	☐	☒
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	☐	☐	☐	☒
6. ENERGY. Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☐	☒
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☐	☒
7. GEOLOGY AND SOILS. Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☒
ii) Strong seismic ground shaking?	☐	☐	☐	☒
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☐	☒
iv) Landslides?	☐	☐	☐	☒
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☐	☒
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☐	☒
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code, creating substantial direct or indirect risks to life or property?	☐	☐	☐	☒
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal	☐	☐	☐	☒

Issues	*Potentially Significant Impact*	*Less Than Significant with Mitigation*	*Less Than Significant Impact*	*Impacts Previously Analyzed in TOP 2050 SEIR*
systems where sewers are not available for the disposal of wastewater?				
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☐	☒
8. 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 emission of greenhouse gases?	☐	☐	☐	☒
9. HAZARDS AND HAZARDOUS MATERIALS. Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☐	☒
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☐	☒
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☒
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☒
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☐	☒
10. HYDROLOGY AND WATER QUALITY. Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☐	☒
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☐	☒

Issues	*Potentially Significant Impact*	*Less Than Significant with Mitigation*	*Less Than Significant Impact*	*Impacts Previously Analyzed in TOP 2050 SEIR*
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
i) Result in substantial erosion or siltation on- or off-site;	☐	☐	☐	☒
ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	☐	☐	☐	☒
iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☐	☒
d) Impede or redirect flood flows?	☐	☐	☐	☒
e) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	☒
f) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☐	☒
11. LAND USE AND PLANNING. Would the project:				
a) Physically divide an established community?	☐	☐	☐	☒
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☒
12. 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?	☐	☐	☐	☒
13. NOISE. Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	☐	☒
b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☐	☒
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Issues	*Potentially Significant Impact*	*Less Than Significant with Mitigation*	*Less Than Significant Impact*	*Impacts Previously Analyzed in TOP 2050 SEIR*
14. POPULATION AND HOUSING. Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of road or other infrastructure)?	☐	☐	☐	☒
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒
15. PUBLIC SERVICES. Would the project:				
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
i) Fire protection?	☐	☐	☐	☒
ii) Police protection?	☐	☐	☐	☒
iii) Schools?	☐	☐	☐	☒
iv) Parks?	☐	☐	☐	☒
v) Other public facilities?	☐	☐	☐	☒
16. 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 have an adverse physical effect on the environment?	☐	☐	☐	☒
17. TRANSPORTATION. Would the project:				
a) Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☐	☐	☐	☒
b) Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	☐	☒
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☐	☒
d) Result in inadequate emergency access?	☐	☐	☐	☒
18. TRIBAL CULTURAL RESOURCES. Would the project cause a				

Issues	*Potentially Significant Impact*	*Less Than Significant with Mitigation*	*Less Than Significant Impact*	*Impacts Previously Analyzed in TOP 2050 SEIR*
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) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☐	☐	☒
b) 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 Resources Code section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☐	☐	☒
19. UTILITIES AND SERVICE SYSTEMS. Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☐	☒
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☐	☒
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☐	☒
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☐	☒
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☐	☒
20. WILDFIRE. If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a	☐	☐	☐	☒

Issues	*Potentially Significant Impact*	*Less Than Significant with Mitigation*	*Less Than Significant Impact*	*Impacts Previously Analyzed in TOP 2050 SEIR*
wildfire or the uncontrolled spread of a wildfire?				
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☐	☒
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☒
21. MANDATORY FINDINGS OF SIGNIFICANCE. (State CEQA Guidelines section 15065(a).)				
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☐	☐	☒
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current project, 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?	☐	☐	☐	☒
Note: Authority cited: Public Resources Code sections 21083, 21083.05, 21083.09. Reference: Gov. Code section 65088.4; Public Resources Code sections 21073, 21074, 21080(c), 21080.1, 21080.3, 21080.3.1, 21080.3.2, 21082.3, 21083, 21083.3, 21083.5, 21084.2, 21084.3, 21093, 21094, 21095 and 21151; *Sundstrom v. County of Mendocino* (1988) 202 Cal.App.3d 296; *Leonoff v. Monterey County Board of Supervisors* (1990) 222 Cal.App.3d 1337; *Eureka Citizens for Responsible Govt. v. City of Eureka* (2007) 147 Cal.App.4th 357; *Protect the Historic Amador Waterways v. Amador Water Agency* (2004) 116 Cal.App.4th 1099, 1109; *San Franciscans Upholding the Downtown Plan v. City and County of San Francisco* (2002) 102 Cal.App.4th 656.				

EXPLANATION OF ISSUES

1. AESTHETICS. Would the project:

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that increased development under TOP 2050 would occur within the city limits and already urbanized areas of the City. The scale and design of the City under TOP 2050 would not deter views of the San Gabriel Mountains. Therefore, impacts to scenic vistas would be less than significant and would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: TOP 2050 does not identify scenic vistas within the City. However, the Policy Plan (Policy CD-1.5) requires all major north-south streets be designed and developed to feature views of the San Gabriel Mountains. The Project site is located along South Grove Avenue and is identified as a principal arterial in the Roadway Classification (Figure M-01) of the Mobility Element within the Policy Plan (City of Ontario, 2022a). Currently, views of the San Gabriel Mountains can visible to travelers along Grove Avenue. The Project would be confined to the Project site and existing views to the San Gabriel Mountains would not be obstructed due to the implementation of the Project. The Project site is surrounded by industrial uses and the Certified SEIR assumed buildout of the Project site as an industrial development. The type and character of development that would occur on the Project site is similar to what was anticipated by the Certified SEIR. Therefore, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that there are no State Scenic highways through or in the vicinity of the City. The closest designated State scenic highway is a portion of State Route 142 in Chino Hills, approximately five miles west of the Ontario city limit. Therefore, no impacts to scenic highways would occur and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The City of Ontario is served by three freeways: I-10, I-15, and SR-60. I-10 and SR-60 traverse the northern and central portion of the City, respectively, in an east–west direction. I-15 traverses the northeastern portion of the City in a north–south direction. These segments of I-10, I-15, and SR-60 are not designated as scenic highways by the California Department of Transportation. The nearest eligible State scenic highway is SR-142, approximately 6.92 miles to the southwest of the Project site (Caltrans, 2022). In addition, there are no historically significant buildings or any scenic resources identified on or in the vicinity of the Project site. Therefore, the Project would not substantially damage scenic resources, including, but not limited to, trees, rock outcroppings and historic buildings within a state scenic highway. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

c. In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?)

Summary of Certified SEIR Finding: The Certified SEIR concluded that TOP 2050 includes goals and policies to ensure that new development would be compatible with the existing community and would be of quality design. Additionally, future development would still be required to adhere to the City's Development Code, which is intended to improve consistency with existing regulations and conditions. Therefore, TOP 2050 would not have a significant impact with respect to being inconsistent with policies or regulations governing scenic quality and would

not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project is in an urbanized area, therefore, this analysis is focused on whether the Project would conflict with applicable zoning and other regulations governing scenic quality. Project-related changes to local visual character would be less than significant during near-term construction activities because construction activity is common in the City, would be temporary in nature, and would not substantially degrade the visual character of the area.

The Project site is zoned Grove Avenue Specific Plan and The Project would require a Specific Plan Amendment to the Grove Avenue Specific Plan to change the land use designation of 4.2 acres of land from Office/Commercial to Business Park. Design standards applicable to the Business Park zone under the Grove Avenue Specific Plan would remain the same under the Project and the Project is required to comply with the development standards established in the Grove Avenue Specific Plan. As part of the development review process, City staff conducted a thorough review of the Project's design and determined that the Project would be consistent with the Business Park development standards and design guidelines from the Grove Avenue Specific Plan. Accordingly, there are no components of the Project that would degrade the existing visual character or quality of the site and surroundings beyond what was evaluated and disclosed in the Certified SEIR. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that TOP 2050 would result in additional sources of light and glare; however, adherence to the design standards of the City of Ontario Development Code would ensure that light and glare from new developments would be minimized and that significant impacts would not occur. Therefore, impacts to light and glare would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: Under existing conditions, the Project site is developed and primarily surrounded by industrial and commercial uses. Existing lighting includes security lighting on the two buildings and parking lot. Street lights are located along South Grove Avenue. New lighting will be introduced to the site with the redevelopment of the Project on the proposed building and surface parking lot, similar to lighting for the existing development. Pursuant to the requirements of the City's Development Code, project on-site lighting will be shielded, diffused or indirect, to avoid glare to pedestrians or motorists. In addition, lighting fixtures will be selected and located to confine the area of illumination to within the Project site and minimize light spillage.

Furthermore, consistent with the findings of the Certified SEIR, site lighting plans will be subject to review by the Planning Department and Police Department prior to issuance of building permits (pursuant to the City's Building Security Ordinance). Therefore, implementation of the Project would not result in a significant source of light or glare that would adversely affect daytime or nighttime views. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

2. AGRICULTURE AND FOREST 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 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?

Summary of Certified SEIR Finding: The Certified SEIR concluded that the City of Ontario's land use plan no longer designates agricultural land uses in the City. Therefore, no impact on land zoned for the purpose of agricultural uses would occur and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site is presently occupied by two buildings (an office and a warehouse/maintenance building) and does not contain any agricultural uses. Further, the site is identified as Urban and Built-up Land on the map prepared by the California Resources Agency, pursuant to the Farmland Mapping and Monitoring Program (DOC, 2018). The Project does not have the potential to convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) to non-agricultural use. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that the City of Ontario's land use plan no longer designates agricultural land uses in the City. Buildout of TOP would have resulted in the cancellation or nonrenewal of Williamson Act contracts and TOP 2050 would not result in further impacts to Williamson Act lands. Therefore, impacts to Williamson Land Acts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site is not zoned for agricultural use. The Project site is zoned Grove Avenue Specific Plan and would involve a Specific Plan Amendment to change the land use designation of 4.2 acres of land from Office/Commercial to Business Park. The Project's proposed Specific Plan Amendment would not result in a loss of land zoned for agriculture. Furthermore, as concluded in the Certified SEIR, there is no Williamson Act contract in effect on the subject site. Therefore, no impacts to agricultural uses are anticipated, nor will there be any conflict with existing or Williamson Act contracts. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that there are no land use designations or zoning for forest land, timberland, or timberland zoned Timberland Production in the City of Ontario. Therefore, no impacts to forest land would occur and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site is not zoned for forest land or timberland. As concluded in the Certified SEIR, the City's Zoning Map does not designate any parcels of land in the Project area for forest land, timberland, or timberland zoned Timberland Production. Therefore, implementation of the Project would not conflict with, or cause the rezoning of, forest land or timberland. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that there is no land in Ontario that would be considered forest land. Therefore, no impacts to the loss of forest land or conversion of forest land to non-forest use would occur and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: There is currently no land in the City of Ontario that qualifies as forest land as defined in Public Resources Code section 12220(g). Neither the Policy Plan nor the City's Zoning Code provide designations for forest land. Additionally, the Project site is zoned Grove Avenue Specific Plan and is presently occupied by a telecommunication company with vehicle maintenance operations on-site and does not contain forest land. Consequently, the Project would not result in the loss or conversion of forest land. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that TOP 2050 would not involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland to nonagricultural use or conversion of forest land to non-forest use, and impacts would be less than significant. Therefore, TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: As previously discussed above, the Project site does not include

Farmland (defined as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance) or forest land and, therefore, the Project would not result in the conversion of Farmland to non-agricultural use of forest land to non-forest use. The Project would not result in any impacts to agricultural and/or forestry resources. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation Required: No additional mitigation required.

3. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.

The analysis in this section is based on the First Grove Air Quality & Greenhouse Gas Assessment prepared by Urban Crossroads, Inc. (Urban Crossroads) dated June 8, 2023. This report is provided in its entirety as Appendix A, of this Addendum.

South Coast AQMD Regional and Local Significance Thresholds

The City of Ontario utilizes the South Coast AQMD CEQA Air Quality Handbook and thresholds of significance to determine the potential significance of Project emissions. A Project may have a significant impact if Project emissions would exceed these air pollution thresholds. Table 3-1, *South Coast AQMD Regional Threshold of Significance*, below identifies South Coast AQMD's regional construction and operational emissions within its jurisdiction.

Table 3-1 South Coast AQMD Regional Threshold of Significance

Pollutant	Construction Regional Thresholds	Operational Regional Thresholds
NO_X	100 lbs/day	55 lbs/day
VOC	75 lbs/day	55 lbs/day
PM_{10}	150 lbs/day	150 lbs/day
$PM_{2.5}$	55 lbs/day	55 lbs/day
SO_X	150 lbs/day	150 lbs/day
CO	550 lbs/day	550 lbs/day

Notes: lbs/day – Pounds Per Day, NO_X – Nitrogen Oxides, VOC – Volatile Organic Compounds, PM_{10} – Particulate Matter 10 microns in diameter or less, $PM_{2.5}$ – Particulate Matter 2.5 microns in diameter or less, SO_X – Sulfur Oxides, CO – Carbon Monoxide.
Source: (Urban Crossroads, 2023a, Table 1)

The South Coast AQMD also established localized significance thresholds (LSTs) that a project can emit without contributing to an existing or new air quality standard exceedance. LSTs are defined separately for construction and operational activities and are dependent on location, project size, and distance to sensitive receptors. The South Coast AQMD Localized Thresholds are provided in the analysis below.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that buildout of TOP 2050 would be consistent with the AQMP under the first criteria. However, air pollutant emissions associated with buildout of TOP 2050 would cumulatively contribute to the nonattainment designations in the South Coast Air Basin (SCAB). Incorporation of Mitigation Measures 3-2 and

AQ-1 into future development projects for the operation phase would reduce criteria air pollutant emissions associated with buildout of TOP 2050. Additionally, goals and policies in TOP 2050 would promote increased capacity for alternative transportation modes. However, due to the magnitude of residential units that would be developed under TOP 2050 to accommodate the RHNA, no additional mitigation measures are available that would reduce impacts below South Coast AQMD thresholds. Therefore, impacts would remain significant and unavoidable.

Discussion of Effects: The Project site is located within the South Coast Air Basin (SCAB). Currently, State and federal air quality standards are exceeded in most parts of the SCAB. In response, the South Coast AQMD has adopted a series of Air Quality Management Plans (AQMPs) to meet the State and federal ambient air quality standards. AQMPs are regularly updated to more effectively reduce emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy. In December 2022, the SCAQMD released the Final 2022 AQMP (2022 AQMP). The 2022 AQMP continues to evaluate current integrated strategies and control measures to meet the California Ambient Air Quality Standards (CAAQS), as well as explore new and innovative methods to reach its goals. Some of these approaches include utilizing incentive programs, recognizing existing co-benefit programs from other sectors, and developing a strategy with fair-share reductions at the federal, state, and local levels. Similar to the 2016 AQMP, the 2022 AQMP incorporates scientific and technological information and planning assumptions, including the 2020-2045 RTP/SCS, a planning document that supports the integration of land use and transportation to help the region meet the federal CAA requirements. The Project's consistency with the AQMP will be determined using the 2022 AQMP as discussed below. Criteria for determining consistency with the 2016 AQMP are defined in Chapter 12, Section 12.2, and Section 12.3 of the South Coast AQMD's CEQA Air Quality Handbook (1993). The Project's consistency with these criteria is discussed below.

Consistency Criterion No. 1: The Project will not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP.

The violations that Consistency Criterion No. 1 refer to are the CAAQS and National Ambient Air Quality Standards (NAAQS). CAAQS and NAAQS violations could occur if regional or localized significance thresholds are exceeded. As evaluated under Air Quality Threshold b, below, the Project's regional and localized construction and operational-source emissions would not exceed applicable regional or LST significance threshold. As such, impacts would be less than significant.

Consistency Criterion No. 2: The Project will not exceed the assumptions in the AQMP based on the years of Project build-out phase.

The 2022 AQMP demonstrates that the applicable ambient air quality standards can be achieved within the timeframes required under federal law. Growth projections from local general plans adopted by cities in the district are provided to the SCAG, which develops regional growth forecasts, which are then used to develop future air quality forecasts for the AQMP. Development consistent with the growth projections in TOP 2050 is considered to be consistent with the AQMP.

Peak day emissions generated by construction activities are largely independent of land use assignments, but rather are a function of development scope and maximum area of disturbance. Irrespective of the site's land use designation, development of the site to its maximum potential would likely occur, with disturbance of the entire site occurring during construction activities. As such, when considering that no emissions thresholds will be exceeded, a less than significant impact would result.

The TOP 2050 adopted by the City in August 2022, designates the Project site as "Business Park" land uses. The "Business Park" designation allows for a maximum FAR of 0.60 for employee-intensive office uses including corporate offices, technology centers, research and development, "clean" industry, light manufacturing, and supporting retail within a business park setting. As discussed in the Certified SEIR, maximum development of the Project site (4.2 acres) would not exceed 109,817 s.f. of industrial uses based on a maximum FAR of 0.60 under the TOP 2050 land use plan.

The Project includes the development of 61,687 square foot industrial warehouse building, which is 47,950 square feet less than the TOP assumed development potential. Therefore the Project consistent with the current TOP land uses and growth projections. As such, the proposed Project would not conflict with the goals and objectives of the AQMP.

AQMP Consistency Conclusion

The Project would not have the potential to result in or cause NAAQS or CAAQS violations. Additionally, Project construction and operational-source emissions would not exceed the regional or localized significance thresholds. The Project is therefore considered to be consistent with the AQMP. (Urban Crossroads, 2023a) Additionally, consistent with the findings of the Certified SEIR, the Project would be required to comply with Mitigation Measures 3-1, 3-2 and AQ-1 to reduce cumulative air pollutant emissions. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required. The following mitigation measure from the Certified SEIR is applicable to the Project:

MM 3-1 Prior to discretionary approval by the City of Ontario for development projects subject to CEQA (California Environmental Quality Act) review (i.e., nonexempt projects), project applicants shall prepare and submit a technical assessment evaluating potential project construction-related air quality impacts to the City of Ontario Planning Department for review and approval. The evaluation shall be prepared in conformance with South Coast Air Quality Management District (South Coast AQMD) methodology for assessing air quality impacts. If construction-related criteria air pollutants are determined to have the potential to exceed the South Coast AQMD–adopted thresholds of significance, City of Ontario Building Department shall require feasible mitigation measures to reduce air quality emissions. Potential measures shall be incorporated as conditions of approval for a project and may include:

- Require fugitive dust control measures that exceed South Coast Air Quality Management District's Rule 403, such as:
    - Requiring use of nontoxic soil stabilizers to reduce wind erosion.
    - Applying water every four hours to active soil disturbing activities.
    - Tarping and/or maintaining a minimum of 24 inches of

freeboard on trucks hauling dirt, sand, soil, or other loose materials.

- Using construction equipment rated by the United States Environmental Protection Agency as having Tier 4 interim or higher exhaust emission limits.
- Ensuring construction equipment is properly serviced and maintained to the manufacturer's standards.
- Limiting nonessential idling of construction equipment to no more than five consecutive minutes.
- Using Super-Compliant VOC paints for coating of architectural surfaces whenever possible. A list of Super-Compliant architectural coating manufactures can be found on the South Coast Air Quality Management District's website at: http://www.aqmd.gov/prdas/brochures/Super-Compliant_AIM.pdf.

These identified measures shall be incorporated into all appropriate construction documents (e.g., construction management plans) submitted to the City and shall be verified by the City's Planning Department.

MM 3-2 The City of Ontario shall evaluate new development proposals within the City and require all developments to include access or linkages to alternative modes of transportation, such as transit stops, bike paths, and/or pedestrian paths (e.g. sidewalks).

AQ-1 Prior to discretionary approval by the City of Ontario for development projects subject to CEQA (California Environmental Quality Act) review (i.e., nonexempt projects), project applicants shall prepare and submit a technical assessment evaluating potential project operation-phase-related air quality impacts to the City of Ontario Planning Department for review and approval. The evaluation shall be prepared in conformance with South Coast Air Quality Management District (South Coast AQMD) methodology in assessing air quality impacts. If operation-related air pollutants are determined to have the potential to exceed the South Coast AQMD–adopted thresholds of significance, the City of Ontario Planning Department shall require that applicants for new development projects incorporate mitigation measures to reduce air pollutant emissions during operational activities. The identified measures shall be included as part of the conditions of approval. Possible mitigation measures to reduce long-term emissions could include, but are not limited to the following:

- For site-specific development that requires refrigerated vehicles, the construction documents shall demonstrate an adequate number of electrical service connections at loading docks for plug-in of the anticipated number of refrigerated trailers to reduce idling time and emissions.
- Applicants for manufacturing and light industrial uses shall consider energy storage and combined heat and power in appropriate

applications to optimize renewable energy generation systems and avoid peak energy use.

- Site-specific developments with truck delivery and loading areas and truck parking spaces shall include signage as a reminder to limit idling of vehicles while parked for loading/unloading in accordance with California Air Resources Board Rule 2845 (13 CCR Chapter 10 sec. 2485).
- Provide changing/shower facilities as specified in Section A5.106.4.3 of CALGreen (Nonresidential Voluntary Measures).
- Provide bicycle parking facilities per Section A4.106.9 of CALGreen (Residential Voluntary Measures).
- Provide preferential parking spaces for low-emitting, fuel-efficient, and carpool/van vehicles per Section A5.106.5.1 of CALGreen (Nonresidential Voluntary Measures).
- Provide facilities to support electric charging stations per Section A5.106.5.3 and Section A5.106.8.2 of CALGreen (Nonresidential Voluntary Measures; Residential Voluntary Measures).
- Applicant-provided appliances shall be Energy Star–certified appliances or appliances of equivalent energy efficiency (e.g., dishwashers, refrigerators, clothes washers, and dryers). Installation of Energy Star–certified or equivalent appliances shall be verified by the City during plan check.

MM 3-1 and AQ-1 have been met through preparation of First Grove Air Quality & Greenhouse Gas Assessment prepared by Urban Crossroads, Inc. provided in Appendix A. No construction or operational-related impacts have been identified in the technical report.

b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Summary of Certified SEIR Finding: The Certified SEIR concluded that buildout in accordance with TOP 2050 would generate short-term emissions that would exceed South Coast AQMD's regional significance thresholds and cumulatively contribute to the nonattainment designations of the SCAB. Mitigation Measure 3-1 and the goals and policies of TOP 2050 would reduce construction-related air pollutant emissions to the extent feasible. Therefore, construction related regional air quality impacts of developments that would be accommodated by TOP 2050 would remain significant and unavoidable.

Buildout in accordance with TOP 2050 would generate long-term emissions that would exceed South Coast AQMD's regional significance thresholds and cumulatively contribute to the nonattainment designations of the SCAB. Mitigation Measure 3-2 and AQ-1, in addition to the goals and policies of TOP 2050, would reduce air pollutant emissions to the extent feasible. The measures and policies covering topics such as expansion of the pedestrian and bicycle networks, promotion of public and active transit, and support to increase building energy efficiency and energy conservation would also reduce criteria air pollutants within the City. However, impacts would remain significant and unavoidable due to the increase in VOCs from residential

development associated with TOP 2050 compared to that of the TOP.

Discussion of Effects: As discussed above, the Project proposes a development of an approximately 61,867 s.f. warehouse building. The proposed building would be approximately 47,950 s.f. less than the maximum allowed under TOP 2050. Therefore, the Project will result in less development of the site than the Certified SEIR analyzed at buildout (i.e., 61,867 s.f. vs. 109,817 s.f.). The Project Applicant would redevelop the Project site with a land use that was planned by the TOP 2050 and evaluated in the Certified SEIR; therefore, the Project would not generate air pollutant emissions that were not already anticipated by the Certified SEIR. Notwithstanding, an Air Quality Assessment (Appendix A) was prepared to quantify air pollutant emission associated with the implementation of the Project. Accordingly, the Project's daily regional emissions from construction have been estimated using South Coast AQMD's CalEEMod 2022.1 model, as shown in Table 3-2, *Regional Threshold Summary of Construction*. As shown in Table 3-2, Project construction-source emissions would not exceed the regional numerical thresholds of significance established by the South Coast AQMD for any criteria pollutant and impacts would be less than significant. Therefore, the Project's construction emission impacts would be less than significant.

Table 3-2 Regional Threshold Summary of Construction

Year	Emissions (lbs/day)					
	VOC	**NO_X**	**CO**	**SO_X**	**PM_{10}**	**$PM_{2.5}$**
Summer						
2024	3.74	36.04	34.41	0.06	7.49	4.21
2025	13.45	20.42	29.39	0.04	1.53	0.95
Winter						
2024	3.62	34.44	31.47	0.06	4.39	2.38
2025	1.33	11.73	15.82	0.03	0.88	0.53
Maximum Daily Emissions	**13.45**	**36.04**	**34.41**	**0.06**	**7.49**	**4.21**
South Coast AQMD Regional Threshold	75	100	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

Source: (Urban Crossroads, 2023a, Table 3)

Emissions associated with the Project's operation were calculated using CalEEMod 2022.1. The Project's daily regional emissions from operation are shown in Table 3-3, *Summary of Peak Operational Emissions*. As shown in Table 3-5, the Project is anticipated to generate less emissions per day for pollutants of VOC, NO_X, CO, SO_X, and $PM_{2.5}$ as compared to emissions generated by the TOP 2050 adopted Business Park land use designation, and operational-source emissions would not exceed the applicable South Coast AQMD regional thresholds.

As shown in Table 3-2 and 3-3, Project-related construction and operational activities would not exceed the South Coast AQMD significance threshold for any criterial pollutant. Therefore, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Table 3-3 Summary of Peak Operational Emissions

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Summer						
Proposed Project	3.09	2.88	30.55	0.04	1.08	0.28
TOP 2050	5.57	5.33	44.33	0.07	1.89	0.47
Net Emissions (Proposed – TOP 2050)	**-2.48**	**-2.45**	**-13.78**	**-0.03**	**-0.81**	**-0.20**
South Coast AQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**
Winter						
Proposed Project	2.59	2.98	26.13	0.03	1.08	0.27
TOP 2050	4.67	5.54	35.97	0.06	1.89	0.47
Net Emissions (Proposed – TOP 2050)	**-2.08**	**-2.56**	**-9.84**	**-0.03**	**-0.81**	**-0.19**
South Coast AQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**

Source: (Urban Crossroads, 2023a, Table 6)

Mitigation: No additional mitigation required. Mitigation Measures 3-1, 3-2, and AQ-1 would be applicable to the Project.

c. Expose sensitive receptors to substantial pollutant concentrations?

Summary of Certified SEIR Finding: Buildout of TOP 2050 could expose sensitive receptors to substantial concentrations of TACs. Buildout could result in new sources of criteria air pollutant emissions and/or TACs near existing or planned sensitive receptors. Review of development projects by South Coast AQMD for permitted sources of air toxics (e.g., industrial facilities, dry cleaners, and gasoline dispensing facilities) would ensure that health risks are minimized. Policy ER-4.9 would ensure mobile sources of TACs not covered under South Coast AQMD permits are considered during subsequent project-level environmental review by the City of Ontario. Individual development projects would be required to achieve the incremental risk thresholds established by South Coast AQMD, and TACs would be less than significant. However, implementation of TOP 2050 would generate TACs that could contribute to elevated levels in the air basin due to the increase in industrial land use allowed under TOP 2050. While individual projects would achieve the project-level risk threshold of 10 per million, they would nonetheless contribute to the higher levels of cancer risk in the SCAB; and therefore, result in a cumulatively considerable impact. Therefore, impacts would remain significant and unavoidable.

Discussion of Effects: Some people are especially sensitive to air pollution. These groups of people include children, the elderly, individuals with pre-existing respiratory or cardiovascular illness, and athletes who engage in frequent exercise. Structures that house these persons or place where they gather to exercise are defined as sensitive receptors. All distances are measured from the Project site boundary to the outdoor living areas (e.g., backyards) or at the building façade, whichever is closer to the Project site in order to provide a conservative analysis. The receptor locations are shown in Figure 9, *Sensitive Receptors Locations*.

Figure 9: Sensitive Receptors Locations

The South Coast AQMD recommends that the nearest sensitive receptor be considered when determining the Project's potential to cause an individual or cumulatively significant impact. The nearest land use where an individual could remain for 24 hours to the Project site has been used to determine localized construction and operational air quality impacts for emissions of PM_{10} and $PM_{2.5}$ (since PM_{10} and $PM_{2.5}$ thresholds are based on a 24-hour averaging time). The nearest receptor used for evaluation of localized impacts of PM_{10} and $PM_{2.5}$ is location R1, represented by the existing residence at 2125 South Cucamonga Ave, approximately 596 feet (182 meters) southwest of the Project site.

Consistent with LST Methodology, the nearest industrial/commercial use to the Project site is used to determine construction and operational LST air impacts for emissions of NO_X and CO as the averaging periods for these pollutants are shorter (8 hours or less) and it is reasonable to assume that an individual could be present at these sites for periods of one to 8 hours. The nearest receptor used for evaluation of localized impacts of NO_X and CO is location R6, represented by Tech Industrial Machine Corp at 2124 S Grove Ave Unit J, adjacent south of the Project site.

Construction Emissions

Project-related construction localized emissions are presented in Table 3-4, *LST Summary of Construction*. As shown, the Project's construction emissions would not exceed South Coast AQMD's significance thresholds for localized air pollutant emissions during construction. Therefore, the nearby sensitive receptors would not be exposed to substantial pollutant concentrations that would present a public health concern and impacts would be less than significant.

Table 3-4 LST Summary of Construction

On-Site Emissions	Emissions (lbs/day)			
	NO_X	CO	PM_{10}	$PM_{2.5}$
Demolition				
Maximum Daily Emissions	24.89	21.74	1.90	1.10
South Coast AQMD Localized Threshold	118	863	92	28
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**
Site Preparation				
Maximum Daily Emissions	35.95	32.93	7.26	4.16
SCAQMD Localized Threshold	220	1,713	95	36
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**
Grading				
Maximum Daily Emissions	34.29	30.17	4.12	2.31
South Coast AQMD Localized Threshold	237	1,873	106	38
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**

Source: (Urban Crossroads, 2023a, Table 9)

Operational Emissions

Project-related operational localized emissions are presented in Table 3-5, *Summary of Operations*. As shown, Project would not exceed the South Coast AQMD significance thresholds

for localized air pollutant emissions during operation. Therefore, Project operation would expose sensitive receptors near the Project site to less-than-significant localized criteria pollutant concentrations.

Table 3-5 LST Summary of Operations

On-Site Emissions	Emissions (lbs/day)			
	NO_X	CO	PM_{10}	$PM_{2.5}$
Maximum Daily Emissions	1.19	21.47	0.08	0.07
SCAQMD Localized Threshold	270	2,193	31	10
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**

Source: (Urban Crossroads, 2023a, Table 10)

CO Hotspots

An adverse CO concentration, known as a "hotspot," would occur if an exceedance of the State one-hour standard of 20 parts per million (ppm) or the 8-hour standard of 9 ppm were to occur. It has long been recognized that CO hotspots are caused by vehicular emissions, primarily when idling at congested intersections. In response, vehicle emissions standards have become increasingly stringent in the last 20 years. Currently, the allowable CO emissions standard in California is a maximum of 3.4 grams/mile for passenger cars (there are requirements for certain vehicles that are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of increasingly sophisticated and efficient emissions control technologies, CO concentration in the SCAB is now designated as attainment.

Due to the relatively small size of the Project, the Project does not have the potential to generate the volume of traffic required to generate a CO "hotspot. Therefore, CO "hotspots" are not an environmental concern for the Project and no impacts would occur. (Urban Crossroads, 2023a)

Based on the foregoing analysis, the Project would not expose sensitive receptors near the Project site to significant pollutant concentrations during construction and operation. Therefore, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that industrial uses would be generally limited to the areas designated Industrial and future environmental review would be required for these types of industrial projects, which would ensure that sensitive land uses are not exposed to objectionable odors. Both residential and nonresidential land uses would be required to comply with South Coast AQMD Rule 402. Therefore, impacts from potential odors generated from residential and other nonresidential land uses associated with TOP 2050 are considered less than significant. Moreover, any construction-related odor emissions would be temporary and intermittent. By the time such emissions reached any sensitive receptor sites, they would be diluted to well below any level of air quality concern. Therefore, impacts associated with construction-

generated odors are considered less than significant.

Discussion of Effects: Land uses generally associated with odor complains include: agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting operations, refineries, landfills, dairies, and fiberglass molding facilities. The Project does not contain land uses typically associated with emitting objectionable odors. Potential odor sources associated with the Project may result from construction equipment exhaust and the application of concrete and architectural coatings during construction activities and the temporary storage of typical solid waste (refuse) associated with the Project's (long-term operational) uses. Standard construction requirements would minimize odor impacts from construction. The construction odor emissions would be temporary, short-term, and intermittent in nature and would cease upon completion of the respective phase of construction and is thus considered less than significant. It is expected that Project-generated refuse would be stored in covered containers and removed at regular intervals in compliance with the City's solid waste regulations. The Project would also be required to comply with South Coast AQMD Rule 402 to prevent occurrences of public nuisances. Therefore, odors associated with the Project construction and operations would be less than significant. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

4. BIOLOGICAL RESOURCES. Would the project:

The analysis in this section is based on the Biological Resource Assessment prepared by LSA Associates, Inc (LSA) dated November 2022 and is provided in their entirety as Appendix B of this Addendum.

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?

Summary of Certified SEIR Finding: The Certified SEIR concluded that no sensitive plant species have been observed in Ontario, and the only such species that are considered potentially present in the City have a low potential due to lack of suitable habitat. Therefore, implementation of TOP 2050 would not have substantial adverse impacts on sensitive plant species. TOP 2050 includes policies to ensure that special-status species and habitat are protected through compliance with state and federal regulations (e.g., Policies ER-5.1 and ER-5.2). Projects under TOP 2050 that undergo independent CEQA review would be required to determine whether there is potential habitat on-site for sensitive species. Compliance with the requirements of the California and federal Endangered Species Acts, including requirements of the USFWS regarding critical habitat; mitigation fees paid by projects in Ontario Ranch; and acquisition and management of habitat using those fees would reduce impacts on sensitive animal species from implementation of TOP 2050. Therefore, TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site is currently developed with two buildings (an office and a warehouse/maintenance building), including associated parking lots, stockpile areas and ornamental landscaping. The landscaping consists of ornamental trees and shrubs that primarily border the easterly edge of the Project site along Grove Avenue. Ruderal vegetation was also

noted along the stockpile areas on the southwesterly portion of the Project site. As concluded in the Project's Biological Resource Assessment, two listed species, Delhi Sands flower-loving fly and California black rail have the potential to occur on the Project site; however, the Project site lacks suitable habitat for these two species because the Project site is entirely developed. Therefore, the Project would have no effects to threatened and endangered species. Moreover, no U.S. Fish and Wildlife Service (USFWS) designated critical habitat is present on the Project site. Therefore, the Project would have no effects to designated critical habitat (LSA, 2023). The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation 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?

Summary of Certified SEIR Finding: The Certified SEIR concluded that implementation of TOP 2050 would not result in direct vegetation removal in surface water areas in the City; however, projects approved pursuant to TOP 2050 could indirectly result in such removal. Projects that would result in impacts to surface water areas determined to be jurisdictional to the state would require CDFW approval pursuant to the Fish and Game Code (Section 1600 et. seq.) in the form of Streambed Alteration Agreements. Compared to TOP, TOP 2050 would have similar impacts to sensitive habitat because it would not result in the development of new, previously undeveloped areas of the City even though it would result in an increase in land use intensity. Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site is completely developed/disturbed, as it was in 2022 when the Certified SEIR was certified. The Project site is currently developed with industrial uses and is in a highly urbanized and industrialized area in the City. The Project site does not contain any riparian habitat or other sensitive natural community identified by the Department of Fish & Game or Fish & Wildlife Service (USFWS, 2020). Therefore, the Project would not result in significant impacts to riparian habitat or other sensitive natural communities. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation 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?

Summary of Certified SEIR Finding: The Certified SEIR concluded that the Cucamonga Creek and Deer Creek channels and portions of the Lower Deer Creek, Day Creek, Etiwanda Creek, and West Cucamonga Creek channels, are owned and maintained by San Bernardino County; they are not subject to land use controls by the City of Ontario and would not be affected by TOP 2050. Remaining segments of the Lower Deer Creek, Day Creek, Etiwanda Creek, and West Cucamonga Creek channels in the City that are owned by the City of Ontario, would be designated Open Space–Non-recreation by TOP 2050 and would not be developed with other land uses. Implementation of TOP 2050 would not result in direct impacts to waters of the State

because TOP 2050 does not grant specific entitlements for development. Individual projects undergoing environmental review under CEQA would be required to determine whether there is potential habitat on-site for sensitive species. Compared to TOP, TOP 2050 would have similar impacts to jurisdictional waters since TOP 2050 would result in an increase in land use intensity but would not result in development of new, previously undeveloped areas of the City. Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: No wetland habitat is present on site (LSA, 2023). Therefore, Project implementation would have no impact on these resources. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation 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?

Summary of Certified SEIR Finding: The Certified SEIR concluded that no regional wildlife movement corridors have been identified in the City, most of which is ill suited for the purposes of wildlife movement. There are trees and shrubs scattered throughout the City that may be used for nesting or roosting by migrating birds. Individual projects would require to comply with the federal Migratory Bird Treaty Act of 1918 (MBTA). Therefore, TOP 2050 is not anticipated to have substantial adverse impacts to migratory birds. Furthermore, Policy ER-5.1 would encourage efforts to conserve flood control channels and transmission line corridors as wildlife movement corridors. Consequently, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: No surface water bodies; streams or waterways occur on the Project site. The Project site and adjacent areas are entirely developed with industrial and commercial uses. As a result, the Project site does not support regional wildlife movement or serve as a nursery site (LSA, 2023). There are a limited number of ornamental trees on site that would be removed and replaced with new trees and landscaping. The MBTA implements the United States' commitment to four treaties with Canada, Japan, Mexico, and Russia for the protection of shared migratory bird resources. Nesting migratory birds are protected under the MBTA (United States Code, Title 16, Sections 703–712) and California Fish and Game Code Sections 3503 et seq. Consistent with the findings of the Certified SEIR, compliance with federal MBTA and California Fish and Game Code would eliminate any potential impacts. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR discussed this impact along with Threshold f below with emphasis on the impacts to the Delhi Sands Flower-Loving Fly (DSFLF) Ontario Recovery Unit. Projects proposed within the Ontario Recovery Unit would be required to

conduct focused surveys for DSFLF on the project site and consult with the USFWS regarding mitigation of impacts on any DSFLF found. TOP 2050 would not grant specific entitlements for development and would not conflict with FESA requirements and USFWS regulations regarding critical habitat. Furthermore, Policy ER-5.1 of TOP 2050 would support efforts to conserve high-quality habitat for the DSFLF. Individual projects undergoing environmental review under CEQA would be required to determine whether there is a potential for habitat onsite for sensitive species. TOP 2050 would have similar impacts regarding consistency with a habitat conservation plan. Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site is not located within the Ontario Recovery Unit; Project site is located approximately 4 miles northwest from the DSFLF Ontario Recovery Unit habitat conservation plan area. Section 10-2 of the Ontario Municipal Code addresses tree protection, maintenance, and replacement policies for trees within the City's parkways and rights-of-way. Additionally, the City has published landscape guidelines that must be followed when developing new or existing sites. All existing trees within the site will be removed as part of the Project. There is an existing 60" heritage tree (*Eucalyptus Viminalis*) onsite that will be removed as part of the Project. As shown in Figure 6, *Landscape Plan*, a total of 90 trees would be planted. As part of the City's mitigation requirement for removal of the heritage tree, the proposed 15 gallon and 24" box size trees would be upsized. Therefore, the Project would not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance, and impacts would be less than significant. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: As discussed above. TOP 2050 would have similar impacts regarding consistency with a habitat conservation plan. There is one habitat conservation plan in the City, a 19-acre area near the intersection of Greystone Drive and the eastern city boundary established to protect the DSFLF. The HCP area would remain designated Industrial under the Proposed Project. Any project proposed for development within this HCP pursuant to TOP 2050 would be required to consult with the USFWS regarding project impacts on DSFLF and mitigation of any such impacts. Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site is not part of an adopted HCP, NCCP or other approved habitat conservation plan (LSA, 2023). The Project site is located approximately 4 miles northwest from the HCP area. As a result, no adverse environmental impacts are anticipated. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

5. CULTURAL RESOURCES. Would the project:

a. Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?

Summary of Certified SEIR Finding: The Certified SEIR concluded that Ontario has eight historic districts, and four proposed and five potential historic districts are deemed eligible for listing. The City's Register of Historic Resources shows 1,957 historic resources, 99 of which are designated Historic Landmark properties. The Development Code establishes criteria for Tier I, Tier II or Tier III properties, with Tier I and II being of the highest value. Given this strong policy of the City and the programmatic nature of TOP 2050, implementation of TOP 2050 would not result in significant impacts to Tier I and II resources. Tier III consists of all properties that are Designated Historic Landmarks, are contributing structures in Designated Historic Districts, or are Eligible Historical Resources, as defined by the Development Code. Demolition of these properties should be avoided where possible, but may be appropriate under certain circumstances. If demolition occurs, the City requires historic resources to be documented and historic features to be salvaged, and requires a demolition mitigation fee. The Development Code does not provide a high level of protection for Tier III resources. As a result, historical resources categorized under the ordinance as Tier III could potentially be impacted with implementation of TOP 2050. Mitigation Measure 5-1 would require historic or potentially historic resources to be evaluated for historic significance through the City's Development Code tier system. Impacts to historical resources would remain significant and unavoidable.

Discussion of Effects: A project-related significant adverse effect would occur if a project were to adversely affect a historical resource meeting one of the definitions listed below. CEQA Guidelines Section 15064.5 defines historic resources as resources listed or determined to be eligible for listing by the Historic Resources Commission, a local register of historic resources, or the lead agency. Generally, a resource is considered "historically significant" if it meets one of the following criteria:

- Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;
- Is associated with the lives of persons important to our past;
- Embodies the distinctive characteristics of a type, period, region, or method of construction or represents the work of an important creative individual, or possesses high artistic values;
- Has yielded, or may be likely to yield, information important in prehistory or history.

The Project site is not listed as a Tier 1, II, or III historical resources under the TOP 2050. Additionally, the existing buildings at the Project site were constructed in 1979 and 2022, respectively, and are not of historic-age. (PaleoWest, 2022a). Therefore, the Project would not cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5, and no impacts would occur. The Project would not result in any impacts to historical resources. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation Required: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded the records review at the South-Central Coastal Information Center (SSCIC) identified 17 archeological resources in the City. Based on the results of the research, there is potential archaeological sensitivity throughout the City. Adoption of TOP 2050 would not directly affect archaeological resources. However, long-term implementation of TOP 2050 land use plan could allow development (e.g., new development, infill development, redevelopment, and revitalization/restoration), including grading, of known and unknown sensitive areas. Grading and construction activities of undeveloped areas or redevelopment that requires more intensive soil excavation than in the past could potentially cause the disturbance of archeological resources. Therefore, future development that would be accommodated by TOP 2050 could potentially unearth previously unrecorded resources. Mitigation Measure 5-2 would require preservation and curation of archeological resources if uncovered during development. Mitigation Measure 5-2 would reduce potential impacts to archeological resources to a level that is less than significant. Therefore, impacts to archaeological resources would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: A Cultural Resource Constraints Analysis, included as Technical Appendix C, was conducted for the Project by PaleoWest, LLC. (PaleoWest). A record search from the South-Central Coastal Information Center at California State University, Fullerton was conducted for the Project which encompassed an area of one mile surrounding the Project site. Based on the results of the records search, no resources were recorded in the Project site or within one mile of the Project site. (PaleoWest, 2022a)

While no adverse impacts to archeological resources are anticipated at this site due to its urbanized nature and extent of prior ground disturbance, the presence of previously undiscovered subsurface archaeological resources on the Project site remains possible, and these resources could be affected by ground-disturbing activities associated with grading and construction at the site. As a result, consistent with the findings of the Certified SEIR, Mitigation Measure 5-2 would be implemented to ensure the proper treatment of significant archaeological resources should they be encountered during ground-disturbing construction activities in native soil. Therefore, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation Required: No additional mitigation required. The following mitigation measure from the Certified SEIR is applicable to the Project:

MM 5-2 In areas of documented or inferred from evident archaeological and/or paleontological resource presence, City staff shall require applicants for development permits to provide studies to document the presence/absence of such resources. On properties where resources are identified, such studies shall provide a detailed mitigation plan, including a monitoring program and recovery and/or in situ preservation plan, based on the recommendations of a qualified cultural preservation expert. The mitigation plan shall include the following requirements:

a) Archaeologists and/or paleontologist shall be retained for the project and will be on call during grading and other significant ground-disturbing activities.

b) Should any cultural resources be discovered, no further grading shall occur in the area of the discovery until the Planning Director or designee is satisfied that adequate provisions are in place to protect these resources.

c) Unanticipated discoveries shall be evaluated for significance by a San Bernardino County Certified Professional Archaeologist/Paleontologist. If significance criteria are met, then the project shall be required to perform data recovery, professional identification, radiocarbon dates, and other special studies; submit materials to a museum for permanent curation; and provide a comprehensive final report including a catalog with museum numbers.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded there are known Native American gravesites and cemeteries in the City, including Bellevue Memorial Park on the north side of G Street, between Benson Avenue and Mountain Avenue. TOP 2050 in itself does not involve grading activities and would not directly disturb any human remains. However, long-term implementation of TOP 2050 would allow development and redevelopment, including grading, of sensitive areas, possibly disturbing human remains, including those outside of formal cemeteries. Although soil-disturbing activities associated with development in accordance with TOP 2050 could result in the discovery of human remains, compliance with existing law including California Health and Safety Code, Section 7050.5; CEQA Section 15064.5; and PRC Section 5097.98 would ensure that significant impacts to human remains would not occur. Therefore, impacts to human remains would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project is in an area that has been previously disturbed by development. The possibility of uncovering human remains during Project-related grading activities is remote due to fact that the previous development of the site has substantially disturbed the subsurface of the site. Thus, human remains are not expected to be encountered during any construction activities. However, as concluded in the Certified SEIR, in the unlikely event that human remains are discovered, existing regulations, including the California Public Resources Code Section 5097.98 and California Health and Safety Code Section 7050.5, would afford protection for human remains discovered during redevelopment activities including but not limited to demolition, site preparation and grading, infrastructure installation, and other ground-disturbing activities. Furthermore, standard conditions have been imposed on the Project that in the event of unanticipated discoveries of human remains are identified during excavation and construction activities, the area shall not be disturbed until any required investigation is completed by the County Coroner and/or Native American consultation has been completed, if deemed applicable. Mandatory compliance with these requirements would ensure that no impacts associated with the discovery of human remains would occur. Therefore, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

6. ENERGY. Would the project:

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that the types of land uses accommodated under TOP 2050 would also be similar to the land uses accommodated under TOP. Thus, the construction processes for future development projects accommodated under TOP 2050 would be similar to the construction processes of current development projects and projects accommodated under TOP. Therefore, TOP 2050 would not result in wasteful, inefficient, or unnecessary consumption of fuel use during construction.

Operation of new development projects accommodated under TOP 2050 would create additional demands for electricity and natural gas compared to existing conditions. Overall, regulatory compliance will increase building energy efficiency and vehicle fuel efficiency and reduce building energy demand and transportation-related fuel usage. Additionally, TOP 2050 includes policies related to land use and transportation planning and design, energy efficiency, public and active transit, and renewable energy generation that will contribute to minimizing building and transportation-related energy demands overall and demands on nonrenewable sources of energy. Implementation of proposed policies under TOP 2050 and Community Climate Action Plan (CCAP) in conjunction with regulatory requirements would ensure that energy demand associated with growth under TOP 2050 would not be inefficient, wasteful, or unnecessary. Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project would implement the TOP 2050 land use plan and the Project's proposed land use and development intensity is consistent with the development regulations contained within the TOP 2050. The proposed building would be approximately 47,950 s.f. less than the maximum allowed under TOP 2050. Therefore, the development proposed by the Project – and its energy use – is within the scope of the project that was evaluated in the Certified SEIR. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that land uses accommodated under TOP 2050 would comply with the current and future iterations of the Building Energy Efficiency Standards and CALGreen. Additionally, TOP 2050 includes Environmental Resources Element policies and Safety Element policies that would support the statewide goal of transitioning the electricity grid to renewable sources and employ best practices regarding energy-saving standards. Therefore, implementation of TOP 2050 would not conflict with or obstruct implementation of California's Renewables Portfolio Standard (RPS) program. Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project would not conflict with or obstruct a state or local plan adopted for the purposes of increasing the amount of renewable energy or energy efficiency. The California Title 24 energy efficiency standards for non-residential buildings address electricity and natural gas efficiency in lighting, water, heating, and air conditioning, as well as the effects of the building envelope (e.g., windows, doors, walls and rooves, etc.) on energy consumption. Consistent with the findings of the Certified SEIR, the Project would be required to comply with the

Title 24 CALGreen standards current at that time and the City's CCAP. Since each new building will comply with applicable State standards and adhere to the City's CCAP, which includes energy reductions measures, the Project would not conflict with nor obstruct a state or local plan for renewable energy or energy efficiency. Therefore, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

7. GEOLOGY & SOILS. Would the project:

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

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that the City of Ontario is not within any Alquist-Priolo Earthquake Fault Zone. Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: Ground rupture is the visible offset of the ground surface when an earthquake rupture along a fault affects the Earth's surface. Southern California, including the City of Ontario, is subject to the effects of seismic activity due to the active faults that traverse the area. Active faults are defined as those that have experienced surface displacement within Holocene time (approximately the last 11,000 years) and/or are in a State-designated Alquist-Priolo Earthquake Fault Zone. According to the Project-specific Geotechnical Investigation, included as Appendix D, the Project site is not located with an Alquist-Priolo Earthquake Fault Zone. (SoCal Geo, 2022) Fault rupture would not occur on the Project site since no active faults cross the Project site. Therefore, no adverse impacts are anticipated. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

ii. Strong seismic ground shaking?

Summary of Certified SEIR Finding: The Certified SEIR concluded that projects considered for approval under TOP 2050 would be required to comply with seismic safety provisions of the CBC (Title 24, Part 2 of the California Code of Regulations). Such compliance would reduce hazards arising from ground shaking to less than significant. Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: Southern California is a seismically active area and properties in the City of Ontario, including the Project site, are subject to periodic ground shaking and other effects from earthquake activity along nearby regional faults. The Project site is not at an increased risk relative to the surrounding areas. Consistent with the findings in the Certified SEIR,

Project-related structures and buildings would be required to be designed and built-in compliance with the California Building Code (CBC [California Code of Regulations, Title 24, Part 2]), which contains provisions for earthquake safety based on factors including occupancy type, the types of soil and rock onsite, and the probable strength of ground motion, the Ontario Municipal Code, TOP 2050, and all other ordinances adopted by the City related to construction and safety. Therefore, as structures would be designed to meet or exceed CBC standards for earthquake resistance, redevelopment of the Project would not create significant impacts related to seismic ground shaking. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

iii. Seismic-related ground failure, including liquefaction?

Summary of Certified SEIR Finding: The Certified SEIR concluded that there is currently no potential for liquefaction based on groundwater levels throughout the City being greater than 50 feet below ground surface. Therefore, no impact would occur.

Discussion of Effects: Seismic-related ground failure includes, but is not limited to, liquefaction. Liquefaction is a seismic phenomenon in which loose, saturated, granular soils behave similarly to fluids when subject to high intensity seismic events. Liquefaction occurs when three general conditions coexist: 1) shallow groundwater, 2) low-density non-cohesive (granular) soils and 3) high-intensity ground motion. According to the Geotechnical Investigation, the Project site is not located within an area of liquefaction susceptibility and groundwater is considered to have existed at depth in excess of 25 feet due to the lack of water encountered at all boring locations (SoCal Geo, 2022). Therefore, consistent with the findings in the Certified SEIR, the Project does not have the potential to expose people or structures to seismic-related liquefaction. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

iv. Landslides?

Summary of Certified SEIR Finding: The Certified SEIR did not identify any specific constraints regarding landslides.

Discussion of Effects: Slope failures in the form of landslides are common during strong seismic shaking in areas of steep hills. The Project site and surrounding area are generally flat with no significant slopes. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that the young alluvial sediment and wind-blown sand underlying the City are generally granular, poorly consolidated, and very susceptible to erosion. However, compliance with the CBC and review of grading plans

for individual projects by the City Engineer would ensure no significant impacts would occur. In addition, construction activities on project sites larger than one acre are required to prepare a Stormwater Pollution Prevention Plan (SWPPP) that details best management practices (BMPs) to reduce the potential for erosion during construction activities. Furthermore, TOP 2050 includes the following policies regarding erosion and loss of topsoil: ER-1.6, ER 4.7, S-5.1, and S-5.2. Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: Erosion is the movement of rock and soil from place to place. Erosion occurs naturally by agents such as wind and flowing water; however, grading and construction activities can greatly increase erosion if effective erosion control measures are not used. Common means of soil erosion from construction sites include water, wind, and being tracked offsite by vehicles. The Project site is in a highly urbanized, built-out portion of the City and is largely flat; soils have already been disturbed by existing development. Because the Project site is fully developed and contains very little exposed soils, existing erosion occurring on the site is minimal.

The State Water Resources Control Board (SWRCB) Order No. 2009-0009-DWQ (General Construction Permit) contains water quality standards and stormwater discharge requirements that apply to construction projects of one acre or more. The General Construction Permit was issued pursuant to the National Pollutant Discharge Elimination System (NPDES) regulations for implementing part of the federal Clean Water Act. The General Construction Permit requires preparation of a SWPPP that identifies the sources of pollution that may affect the quality of stormwater discharges and describes and ensures the implementation of BMPs to reduce the pollutants, including silt and soil, in construction stormwater discharges. Examples of BMPs that are commonly included in SWPPPs are shown in Table 7-1, below.

Table 7-1 Examples of Construction-Phase Stormwater Pollution Prevention BMPs

Category	Goal	Sample Measures
Erosion Controls	Prevent soil particles from being detached from the ground surface and transported in runoff	Preserving existing vegetation; soil binders; geotextiles and mats
Sediment controls	Filter out soil particles that have entered runoff	Barriers such as slit fences and gravel bag berms; and street sweeping
Tracking Controls	Prevent soil from being tracked offsite by vehicles	Stabilized construction roadways and entrances/exits
Wind Erosion Control	Prevent soil from being transported offsite by wind	Similar to erosion controls above
Non-stormwater Management	Prevent discharges of soil from site by means other than runoff and wind	BMPs regulating various construction practices; water conservation
Waste and Materials Management	Prevent release of waste materials into storm discharges	BMPs regulating storage and handling of materials and wastes

Future development within the Project site will be required to comply with the NPDES permit by preparing and implementing a SWPPP specifying BMPs for minimizing pollution of stormwater with soil and sediment during Project construction. Consistent with the findings in the Certified SEIR, adherence to the BMPs in the SWPPP would reduce, prevent, or minimize soil erosion from Project-related demolition, site preparation and grading, and construction activities. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

Summary of Certified SEIR Finding: The Certified SEIR concluded that the thick alluvial deposits comprising the Chino Subbasin may be susceptible to compaction, with resulting subsidence at the surface, in the event of rapid groundwater withdrawal. Projects considered for approval under TOP 2050 could expose structures or persons to potentially significant hazards from ground subsidence. However, compliance with the CBC and review of grading plans for individual projects by the City Engineer would ensure no significant impacts would occur.

Additionally, the young sediments underlying the City are generally dry and loose in the upper few feet, and therefore are susceptible to compression. Much of the Ontario Ranch has been intensively farmed and is especially susceptible to compression. Developments approved pursuant to TOP 2050 could expose persons or structures to potentially significant hazards from compressible soils. However, compliance with the CBC and review of grading plans for individual projects by the City Engineer would ensure no significant impacts would occur.

Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: As stated previously, the Project site is not susceptible to landslides or liquefaction. The potential for other geologic hazards on the Project site, including lateral spreading, subsidence or collapse is considered low (SoCal Geo, 2022). Furthermore, Project-related structures and buildings would be required to be designed and built-in compliance with the CBC and the Ontario Municipal code, which requires the Project to implement the recommendations of the site-specific geotechnical investigation. The recommendations require foundations to be constructed based on the expansion index and shear strength of onsite soils. Consistent with the findings in the Certified SEIR, compliance with the CBC and Ontario Municipal code would ensure that impacts would be less than significant. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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?

Summary of Certified SEIR Finding: The Certified SEIR concluded that expansive soils are likely in the southern parts of the City, where there are silts, sandy silts, and silty clays. Projects in the southern part of the City under TOP 2050 could expose persons or structures to potentially significant hazards from expansive soils. However, compliance with the CBC and review of grading plans for individual projects by the City Engineer would ensure no significant impacts would occur. Therefore, impacts related to expansive soils would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: Expansive soils are defined as soils possessing clay particles that react to moisture changes by shrinking or swelling. According to the Project's Geotechnical Investigation, the near-surface soils consist of silty sands, sandy silts, and fine to coarse sands with

no appreciable clay content. These materials have been visually classified as non-expansive (SoCal Geo, 2022). Therefore, no adverse impacts are anticipated. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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?

Summary of Certified SEIR Finding: The Certified SEIR concluded that wastewater from the City is treated at wastewater treatment facilities owned and operated by the IEUA. Use of septic tanks would be limited to existing septic tanks, and new septic tanks would be constricted to areas not in practical proximity to existing sewer mains, dependent on approval by the Santa Ana Regional Water Quality Control Board on a case-by-case basis. Therefore, impacts related to septic tanks would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: No septic tanks will be used as part of the proposed Project. The Project would connect to the existing waste water disposal system. Accordingly, no impact would occur. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that the City is underlain by deposits of Quaternary and upper-Pleistocene sediments deposited during Pliocene and early Pleistocene time. Quaternary Older Alluvial sediments may contain significant, nonrenewable, paleontological resources and are therefore considered to have high sensitivity. Older Pleistocene alluvial sediments can yield fossil remains, often found at depths of 10 feet or more below existing ground surface. As a result, the possibility of finding additional paleontological resources within City boundaries is moderate to high at depths of 10 feet or more below ground surface. Therefore, future development that would be accommodated by TOP 2050 could potentially unearth previously unrecorded resources. Mitigation Measure 5-2 requires that in the event of an unanticipated discovery of paleontological resources during grading and excavation of the site, a qualified paleontologist would assess the find and develop a course of action to preserve the find. Therefore, with the implementation of Mitigation Measure 5-2, potential impacts to paleontological resources would be reduced to a level that is less than significant.

Discussion of Effects: According to the Project's Paleontological Resource Assessment, included as Appendix E, ground disturbances less than 5 ft below ground surface are unlikely to result in impacts to significant paleontological resources; however, ground disturbances greater than or equal to 5 ft below ground surface may impact geologic units of high paleontological sensitivity, and therefore, may result in impacts to significant paleontological resources. (PaleoWest, 2022b) However, the Project would be required to implement Mitigation Measure 5-2 to ensure construction activities will not continue or will be moved to other parts of the Project site if paleontological resources are discovered during grading activities and a qualified

paleontologist shall be contacted to determine the significance of these resources in the event unanticipated paleontological resources are identified during excavation. Consistent with the findings of the Certified SEIR, With the implementation of Mitigation Measure 5-2, impacts to paleontological resources would be less than significant. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required. The following mitigation measure from the Certified SEIR is applicable to the Project:

MM CUL 5-2 In areas of documented or inferred from evident archaeological and/or paleontological resource presence, City staff shall require applicants for development permits to provide studies to document the presence/absence of such resources. On properties where resources are identified, such studies shall provide a detailed mitigation plan, including a monitoring program and recovery and/or in situ preservation plan, based on the recommendations of a qualified cultural preservation expert. The mitigation plan shall include the following requirements:

a) Archaeologists and/or paleontologist shall be retained for the project and will be on call during grading and other significant ground-disturbing activities.

b) Should any cultural resources be discovered, no further grading shall occur in the area of the discovery until the Planning Director or designee is satisfied that adequate provisions are in place to protect these resources.

c) Unanticipated discoveries shall be evaluated for significance by a San Bernardino County Certified Professional Archaeologist/Paleontologist. If significance criteria are met, then the project shall be required to perform data recovery, professional identification, radiocarbon dates, and other special studies; submit materials to a museum for permanent curation; and provide a comprehensive final report including a catalog with museum numbers.

8. GREENHOUSE GAS EMISSIONS. Would the project:

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that GHG emissions associated with TOP 2050 would be slightly higher compared to those of TOP in the absence of local measures identified in the Community Climate Action Plan (CCAP) and would not meet the 2050 GHG target of 2.0 $MTCO_2e$ per capita. With implementation of the CCAP, TOP 2050 would result in a decrease in emissions. The City would achieve the EO S-03-05 GHG emissions reduction targets, resulting in an 80 percent decrease in GHG emissions in the City by 2050 from existing conditions, and would make substantial progress toward the State's carbon neutrality goals under EO B-55-18. Therefore, TOP 2050, which includes the CCAP, would reduce GHG emissions impacts compared to TOP. Impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The analysis in this section is based on the First Grove Air Quality & Greenhouse Gas Assessment prepared by Urban Crossroads, Inc. (Urban Crossroads) dated June 20, 2023. This report is provided in its entirety as Appendix A, of this Addendum.

The CCAP establishes an annual screening threshold of 3,000 $MTCO_2e$/yr to define small projects that are considered less than significant and do not require further GHG emissions calculations or analysis. Projects that do not exceed an annual 3,000 $MTCO_2e$/yr are therefore considered less than significant and would not require further analysis or mitigation.

The Project's annual GHG emissions are summarized in Table 8-1, *Project GHG Emissions*. As shown in Table 8-1, the Project will result in total GHG emissions of approximately 929.68 $MTCO_2e$/yr and would not exceed the annual 3,000 $MTCO_2e$/yr threshold. Additionally, when compared to emissions generated by the TOP 2050 adopted Industrial land use designation, the Project would result in a net decrease of 685.20 $MTCO_2e$/yr. As such, Project-related emissions would not have a potential significant direct or indirect impact on GHG emissions and impacts would be less than significant. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Table 8-1 Project GHG Emissions

Source	Emission (lbs/day)				
	CO_2	**CH_4**	**N_2O**	**R**	**Total CO_2e**
Annual construction-related emissions amortized over 30 years	16.23	7.19E-04	3.42E-04	3.84E-03	16.35
Mobile Source	522.99	0.03	0.04	0.80	537.00
Area Source	1.25	0.00	0.00	0.00	1.26
Energy Source	266.25	0.02	0.00	0.00	267.52
Water Source	20.26	0.47	0.01	0.00	35.28
Waste Source	6.85	0.68	0.00	0.00	23.95
Refrigerants Source	0.00	0.00	0.00	0.96	0.96
On-Site Equipment Source	0.00	0.00	0.00	0.00	47.37
Total CO_2e (All Sources)	**929.68**				
TOP 2050	1,614.88				
Net Emissions (Proposed – TOP 2050)	**-685.20**				

Source: (Urban Crossroads, 2023a, Tables 13 and 15)

Mitigation Required: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that development projects accommodated under TOP 2050 are required to adhere to the programs and regulations identified by the 2017 Scoping Plan and implemented by state, regional, and local agencies to achieve the statewide GHG reduction goals of AB 32 and SB 32. Implementation of TOP 2050 would not obstruct implementation of the CARB Scoping Plan. Additionally, TOP 2050 would

provide for residents to both live and work in the City instead of commuting to other areas, which would contribute to minimizing VMT and reducing VMT per service population. Therefore, TOP 2050 would not interfere with SCAG's ability to implement the regional strategies in Connect SoCal. Impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: Since certification of the Certified SEIR, CARB has adopted the 2022 Scoping Plan. Pursuant to Section 15604.4 of the State CEQA Guidelines, a lead agency may rely on qualitative analysis or performance-based standards to determine the significance of impacts from GHG emissions. As such, the Project's consistency with SB 32 (2022 Scoping Plan) is discussed below.

The 2022 Scoping Plan for Achieving Carbon Neutrality (2022 Scoping Plan) lays out a path to achieve targets for carbon neutrality and reduce anthropogenic GHG emissions by 85 percent below 1990 levels no later than 2045, as directed by Assembly Bill 1279. The actions and outcomes in the plan will achieve significant reductions in fossil fuel combustion by deploying clean technologies and fuels, further reductions in short-lived climate pollutants, support for sustainable development, increased action on natural and working lands to reduce emissions and sequester carbon, and the capture and storage of carbon.

The Project would not impede the State's progress towards carbon neutrality by 2045 under the 2022 Scoping Plan. The Project would be required to comply with applicable current and future regulatory requirements promulgated through the 2022 Scoping Plan. Some of the current transportation sector policies the Project will comply with (through vehicle manufacturer compliance) include: Advanced Clean Cars II, Advanced Clean Trucks, Advanced Clean Fleets, Zero Emission Forklifts, the Off-Road Zero-Emission Targeted Manufacturer rule, Clean Off-Road Fleet Recognition Program, In-use Off-Road Diesel-Fueled Fleets Regulation, Off-Road Zero-Emission Targeted Manufacturer rule, Clean Off-Road Fleet Recognition Program, Amendments to the In-use Off-Road Diesel-Fueled Fleets Regulation, carbon pricing through the Cap-and-Trade Program, and the Low Carbon Fuel Standard. Finally, the Project is consistent with the general plan land use designation, density, building intensity, and applicable policies specified for the Project area in SCAG's Sustainable Community Strategy/ Regional Transportation Plan, which pursuant to SB 375 calls for the integration of transportation, land-use and housing policies to plan for achievement of the GHG-emissions target for the region. Thus, a less than significant impact related to GHG emissions from Project construction and operation would occur. (Urban Crossroads, 2023a) Therefore, the Project would not have the potential to conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of GHGs. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation Required: No additional mitigation required.

9. HAZARDS & HAZARDOUS MATERIALS. Would the project:

The analysis in this section is based on the Phase I Environmental Site Assessment prepared by Roux Associates, Inc. (Roux) dated December 2022 and is provided in their entirety as Appendix F of this Addendum.

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

Summary of Certified SEIR Finding: The Certified SEIR discussed thresholds a, b, and c together and concluded that implementation of TOP 2050 would increase the number of businesses and residents in the City, thereby increasing the amount of hazardous materials being transported, stored, and manufactured, and the number of people exposed to these materials. The City of Ontario has around 127 facilities or sites that generate, transport, treat, store, and/or dispose of hazardous waste, as recorded by the national RCRA Envirofacts Database. An increase in the transport of hazardous waste from an increased demand for transport, use, and disposal within or outside the City could result in more accidents leading to the release of hazardous materials. Demolition activities that have the potential to expose construction workers and/or the public to asbestos-containing materials or lead-based paint will be conducted in accordance with applicable regulations. Current federal and state regulations, City ordinances, and TOP 2050 policies would regulate the handling of hazardous substances to reduce potential releases; exposure; and risks of transporting, storing, treating, and disposing of hazardous materials and wastes. Therefore, additional hazardous waste transport, use, and/or disposal that would occur upon the buildout of TOP 2050 would be less than significant with adherence to the existing regulations and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: A significant impact may occur if a project would involve the use or disposal of hazardous materials as part of its routine operations, or would have the potential to generate toxic or otherwise hazardous emissions that could adversely affect sensitive receptors. The Project Applicant proposes to redevelop the Project site with a building that has the potential to store hazardous materials during the future building user's daily operations. As demonstrated in the analysis below, the Project would not result in a hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials during construction or operation. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Project Construction

General Construction Hazardous Waste

Heavy equipment (e.g., dozers, excavators, tractors) would operate on the subject property during construction of the Project. Heavy equipment is typically fueled and maintained by petroleum-based substances such as diesel fuel, gasoline, oil, and hydraulic fluid, which is considered hazardous if improperly stored or handled. Also, materials such as paints, adhesives, solvents, and other substances typically used in building construction would be located on the Project site during construction. Improper use, storage, or transportation of hazardous materials can result in accidental releases or spills, potentially posing health risks to workers, the public, and the environment. This is a standard risk on all construction sites, and there would be no greater risk for improper handling, transportation, or spills associated with the proposed Project than would occur on any other similar construction site. Construction contractors would be required to comply with all applicable federal, State, and local laws and regulations regarding the transport, use, and storage of hazardous construction-related materials, including but not limited requirements imposed by the EPA, California Department of Toxic Substances Control (DTSC), South Coast AQMD, and Santa Ana Regional Water Quality Control Board (RWQCB). Consistent with the findings of the Certified EIR, with mandatory compliance with applicable hazardous materials regulations, the Project would not create a significant hazard to the public or the environment through routine transport, use, or disposal of hazardous materials during the construction phase.

Impacted Soils

Construction activities required to redevelop the Project site would involve the disturbance of on-site soils. There is the potential for the discovery of contamination during these activities due to staged material originating off-site, historical agricultural use, former gasoline and diesel Underground Storage Tanks (USTs), and vapor intrusion. Specifically,

- Staged Material Originating Off-Site. During the site reconnaissance, a construction materials staging area was observed in the exterior western lot. According to the yard manager, construction materials, including dirt, asphalt, and concrete, are generated from trenching and excavation activities during the installation of fiber optic cables off-site. Considering the trenching and excavation activities take place at various locations around the Los Angeles area, including commercial and industrial properties, the condition of off-site construction material and wastewater is unknown.

- Historical Agricultural Use. According to historical sources, the Project site was used for agricultural purposes as an orchard as early as 1946 through 1966. It is unknown if agricultural chemicals, such as pesticides, herbicides and fertilizers, have impacted soil on the Project site.

- Former Gasoline and Diesel USTs. According to records from the San Bernardino County Fire Department (SBCFD), a permit application was submitted for the installation of one 1,000-gallon gasoline UST and one 1,000-gallon diesel UST at the Project site. A permit application to remove the two USTs was submitted on July 30, 1990. Following UST removal in August 1990, one soil confirmation sample was collected approximately 2 feet beneath each UST. The sample collected beneath the gasoline UST was analyzed for gasoline, and the sample collected beneath the diesel UST was analyzed for diesel. Soil confirmation results reported concentrations below laboratory reporting limits.

- Potential for Vapor Intrusion. The northeastern General Electric Co – Jet Engine Test Cell Facility, located at 2264 East Avion Street (located approximately 1.82 miles northeast of the Project site) is an open – verification monitoring case as of February 5, 2010. According to the GeoTracker case (SL208133868), the facility has operated as an aircraft engine facility since 1965. Subsurface investigations have identified volatile organic compounds (VOCs), specifically trichloroethene (TCE) as the primary chemical of potential concern. Remedial efforts include a soil vapor extraction (SVE) system with a total of 23 SVE wells from 1996 through 2005 and groundwater monitoring since 1991. Based on the Fourth Quarter 2021 Groundwater Monitoring Report, dated January 24, 2022, the nearest groundwater monitoring well (OW-11) is located approximately 300 feet southeast of the eastern boundary of the Project site. It is unknown if the presence of VOCs in groundwater in close proximity to the Project site and possible lateral and vertical migration pose a potential vapor intrusion concern.

A Phase II subsurface investigation was conducted for the Project site, in which a total of 31 soil samples (including 3 duplicate samples) were collected and analyzed for total petroleum hydrocarbons (TPH), Title 22 metals, polychlorinated biphenyls (PCBs), organochlorine pesticides (OCPs), VOCs, and asbestos; and A total of 15 soil vapor samples (including 1 duplicate sample) were collected and analyzed for VOCs. Based on the results of the Phase II, VOCs, metals, PCBs, OCPs, and asbestos were not considered to be chemical of potential concern in soil. Limited detections of TPH in the diesel and motor oil ranges were found in shallow soil throughout the staging area on the western portion. These soils could be removed as non-hazardous waste and would be excavated and disposed of off-site in accordance with applicable regulations. Several

VOCs were detected in soil vapor above laboratory reporting limits but below applicable screening levels, with the exception of tetrachloroethylene (PCE) in two samples. It is noted that no potential source of PCE or other chlorinated solvents was identified in association with current or historical operations.

A subsequent Human Health Risk Assessment (HRA) was conducted due to the chemical detected in the soils vapor. Based on the results of the (HRA), cumulative carcinogenic risk and non-carcinogenic hazard to human receptors for commercial/industrial indoor air scenarios are within acceptable ranges and vapor intrusion mitigation is not warranted. (Roux, 2022) Therefore, the Project site does not contain any Recognized Environmental Conditions (RECs), Historical Recognized Environmental Conditions (HRECs), or Controlled Recognized Environmental Conditions (CRECs), nor is the Project site affected by any off-site hazards or hazardous materials.

Demolition

The use of asbestos-containing materials (ACM, a known carcinogen) and lead-based paint (LBP) (a known toxic), both of which are considered hazardous materials, was a common building construction prior to 1978. Since the existing buildings on the Project site were constructed in 1985 and 2002, neither ACMs nor lead paint are determined to be a significant hazard on the Project site.

Project Operation

Future users of the proposed on-site Project building are not yet known. Future uses on-site are assumed to be those permitted by the TOP 2050 and Grove Avenue Specific Plan zoning designations. Future users have the potential to use hazardous materials (i.e., gasoline, diesel, biodiesel fuels, and oil) during the course of daily operations at the Project site. In the event that hazardous materials, other than those common materials described above, are associated with future warehouse operations, the hazardous materials would only be stored and transported to and from the building site. Federal and State Community-Right-to-Know laws allow the public access to information about the amounts and types of chemicals that may be used by the businesses that would operate at the Project site. Laws also are in place that require businesses to plan and prepare for possible chemical emergencies. Pursuant to the City of Ontario Municipal Code, any business involved in the use, production, storage, or transfer of any material defined as hazardous and subject to regulation by San Bernadino County Department of Public Health and/or subject to regulation by the South Coast Air Quality Management District per Rules 1401, 1402, and 1403. Such businesses are also required to comply with California's Hazardous Materials Release Response Plans and Inventory Law, which require immediate reporting to San Bernadino County Fire Protection District and State Office of Emergency Services regarding any release or threatened release of a hazardous material, regardless of the amount handled by the business.

The operation of the Project would be required to comply with all applicable federal, State, and local regulations to ensure the proper transport, use, and disposal of hazardous substances. Consistent with the findings of the Certified SEIR, with mandatory regulatory compliance, potential hazardous materials impacts associated with long-term operation of the Project is not expected to pose a significant hazard to the public or environment through the routine transport, use, or disposal of hazardous materials, nor would the Project increase the potential for accident operations which could result in the release of hazardous materials into the environment. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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?

Summary of Certified SEIR Finding: As discussed above, the Certified SEIR concluded that additional hazardous waste transport, use, and/or disposal that would occur upon the buildout of TOP 2050 would be less than significant with adherence to the existing regulations and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects:

Construction

During Project construction, there is a possibility of accidental release of hazardous substances such as petroleum-based fuels or hydraulic fluid used for construction equipment. The level of risk associated with the accidental release of hazardous substances is not considered significant due to the small volume and low concentration of hazardous materials utilized during construction. The construction contractor would be required to use standard construction controls and safety procedures that would avoid and minimize the potential for accidental release of such that any materials released are appropriately contained and remediated as required by local, State, and federal law.

The Project would comply with the requirements of applicable laws and regulations governing upsets and accidents including the requirements of the hazardous materials disclosure program, the California Accidental Release Prevention Program, the hazardous materials release response plans and inventory program, and California Health and Safety Code Section 25500.

These requirements would ensure that all potentially hazardous materials are handled in an appropriate manner and would minimize the potential for upset and accident conditions. For example, all spills or leakage of petroleum products during construction activities are required to be immediately contained, the hazardous material identified, and the material remediated in compliance with applicable state and local regulations for the cleanup and disposal of that contaminant. All contaminated waste would be required to be collected and disposed of at an appropriately licensed disposal or treatment facility. Therefore, consistent with the findings of the Certified SEIR, this impact is considered less than significant. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Operation

Regulatory requirements pertaining to upsets and accidents following during the construction phase would also be implemented during the operational phase. For the operational phase, both the federal government and the State of California (Health and Safety Code, Division 20, Chapter 6.95, §§ 25500–25520; 19 CCR, Chapter 2, Subchapter 3, Article 4, §§ 2729–2734) require all businesses that handle more than a specified amount of hazardous materials or extremely hazardous materials, termed a reporting quantity, to submit a hazardous materials emergency/contingency plan (also known as a hazardous materials business plan) to their local Certified Unified Program Agency (CUPA). These requirements would ensure that all potentially

hazardous materials are handled in an appropriate manner and would minimize the potential for safety impacts. Consistent with the findings of the Certified SEIR, with mandatory regulatory compliance, the Project would not increase the potential for accident conditions which could result in the release of hazardous materials into the environment. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR did not identify any specific constraints regarding hazardous materials within one-quarter mile of an existing or proposed school and analysis were combined with threshold a and b which concluded less than significant impacts.

Discussion of Effects: The Project site is within 0.25 mile of an existing school. The closest school to the Project site is the Bon View Elementary School, located approximately 0.25 mile to the west of the Project site. As discussed above, with mandatory regulatory compliance, potential hazardous materials impacts associated with long-term operation of the Project is not expected to pose a significant hazard to the public or environment through the routine transport, use, or disposal of hazardous materials, nor would the Project increase the potential for accident operations which could result in the release of hazardous materials into the environment. Implementation of the Project would not have the potential to emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 miles of an existing or proposed school. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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?

Summary of Certified SEIR Finding: The Certified SEIR concluded that development in accordance with TOP 2050 would involve redevelopment and reuse of some sites listed as hazardous materials sites on environmental databases. Redevelopment of these sites could potentially expose future residents and workers to hazards from known hazardous materials releases on and near the sites. Site assessments for hazardous materials and remediation of hazardous materials releases would be required for redevelopment projects developed in accordance with TOP 2050 and the regulations and policies of the agency assigned to the site. TOP 2050 include policies that address development on and around known hazardous waste sites. Compared to TOP, TOP 2050 would have similar impacts because TOP 2050 would result in an increase in land use intensity rather than development of new, previously undeveloped areas of the City that would require substantial landform modification. Therefore, buildout of TOP 2050 would not expose people to substantial hazards from hazardous materials sites listed on environmental databases and would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site is listed in California Integrated Water Quality System

(CIWQS), HAULERS, Resource Conservation and Recovery Act Non-generators (RCRA NONGEN/NLR), Facility Index System (FINDS), Enforcement and Compliance History Online (ECHO), Hazardous Waste Tracking System (HWTS), California Environmental Reporting System (CERS), HAZ WASTE, HazNet, San Bernardino County Permit, National Pollutant Discharge Elimination System (NPDES), and California Hazardous Materials Incident Report System (CHIMRS) database. Due to the lack of additional information relevant to the environmental history of the facility and results of the subsurface investigation conducted on the Project site, these listing are not considered to represent a significant environmental concern. (Roux, 2022) As discussed in Response 9.a, the Project site does not contain any RECs, HRECs, or CRECs, nor is the Project site affected by any off-site hazards or hazardous materials. Therefore, the Project would not create a significant hazard to the public or the environment. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that the consistency determination analysis for the Ontario International Airport (ONT), prepared by the City and submitted to ONT-IAC, found that TOP 2050 is consistent with ALUCP for ONT. Additionally, buildout of TOP 2050 would involve development within the Chino Airport influence area. Projects accommodating TOP 2050 in this area would be required to meet the conditions of the Chino Airport Authority and the 2011 Caltrans Airport Land Use Planning Handbook, including those determining appropriate land uses, maximum population density, maximum site coverage, height restrictions, and required notification/disclosure areas based on the noise contours and runway protection, approach, and Part 77 zones of the adopted Chino Airport Master Plan. The Airport Planning section of TOP 2050 Land Use Element includes policies that would ensure airport planning compatibility and consistency. Therefore, TOP 2050 ensures compatibility with both ONT and Chino Airport. Impacts related to airport safety hazards would be less than significant and would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: According to the Land Use Element (Exhibit LU-06 Airport Safety Zones and Influence Areas) of TOP 2050, the Project site is not located within the Chino Airport Influence Area (City of Ontario, 2022a).

According to the Ontario International Airport (ONT) Land Use Compatibility Plan (ALUCP), the Project site is located within the ONT Airport Influence Area (City of Ontario, 2011). Specifically, the Project site is located outside of the 65 CNEL noise impact zones and is subject to the Noise Criteria established on Table 2-3 in the ONT ALUCP. According to Table 2-3 of the ONT ALUCP, industrial land uses located outside the 65 dBA CNEL noise level contours of ONT, such as the Project, are considered normally compatible land use. For normally compatible land uses, either the activities associated with the land use are inherently noisy or standard construction methods will sufficiently attenuate exterior noise to an acceptable indoor community noise equivalent level (CNEL). Therefore, the Project would not result in excessive noise for people residing or working in the Project area.

Moreover, according to the Land Use Element (Exhibit LU-06 Airport Safety Zones and

Influence Areas) of TOP 2050, the Project site is not located within the ONT safety zones. Therefore, the Project would not result in a safety hazard for people residing or working in the Project area. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that the threat of flood is Ontario's greatest hazard as large portions of the City are within the flood zone, according to the Vulnerability Analysis conducted as part of TOP 2050. There are also substantial improvements in transportation infrastructure planned to accommodate the increase in population in the City in the event of an emergency. Additionally, the Ontario Fire Department reviews development applications to ensure that adequate emergency accessibility is provided based on local and state guidance. Therefore, Implementation of TOP 2050 would not Impair implementation of or physically interfere with an adopted emergency response plan. Impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The City's Safety Element includes policies and procedures to be administered in the event of a disaster. The City seeks interdepartmental and inter-jurisdictional coordination and collaboration to be prepared for, respond to, and recover from every day and disaster emergencies. The City manages disaster preparedness through the Technical Services Bureau of the Ontario Fire Department. This bureau is responsible for the preparation of the community for disasters and the organization of recovery efforts. The City updated a Local Hazard Mitigation Plan (LMHP) prepared by the Office of Emergency Services of the Ontario Fire Department in 2018. Because the Project site has been historically used for industrial/commercial uses, it is not identified in any of these plans as being an evacuation area.

According to the Federal Emergency Management Agency (FEMA) flood map No. 06071C8617J, the Project site is located within Zone X, an area of minimal flood hazard (FEMA, 2016). Furthermore, construction of the Project would be generally confined to the Project site and would not physically impair access to the site or the Project area. During both construction and long-term operation, the Project would be required to maintain adequate emergency access for emergency vehicles as required by the City and the Ontario Fire Department. In addition, the Project will comply with the requirements of the Ontario Fire Department and all City requirements for fire and other emergency access. As concluded in the Certified SEIR, the Ontario Fire Department reviews development applications to ensure that adequate emergency accessibility is provided based on local and state guidance. Therefore, the Project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that the there are many resources available to address wildland fires should they arise, including the CAL FIRE 2019 Strategic Fire Plan for California, the California Fire Code, County of San Bernardino Multi-jurisdiction Hazard Management Plan, the Ontario LHMP, and fire services from the Ontario Fire Department. With adherence to these building practices, development and infrastructure associated with TOP 2050 would not exacerbate risk or result in post-wildfire hazards (e.g., landslides, mudflows, and flooding). Impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site is fully developed and is within a completely urbanized area that is void of any wildland areas. Additionally, according to the California Department of Forestry and Fire Protection (CalFire), the Project site is not within a very high fire hazard severity zone (CAL FIRE, 2008). Implementation of the Project would not expose people or structures to a significant risk involving wildland fires and would not exacerbate the risk or result in post-wildfire hazards (e.g., landslides, mudflows, and flooding). The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

10. HYDROLOGY & WATER QUALITY. Would the project:

The analysis in this section is based on the Preliminary Water Quality Management Plan and Preliminary Hydrology Study prepared by Huitt-Zollars, Inc. dated April 2023 and is provided in their entirety as Appendices G.1 and G.2 of this Addendum.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that clearing, grading, excavation, and construction activities associated with TOP 2050 have the potential to impact water quality through soil erosion and increasing the amount of silt and debris carried in runoff. To minimize these potential impacts, future development associated with TOP 2050 would require compliance with the State Water Resources Control Board (SWRCB) Construction General Permit (CGP) Water Quality Order 2009-0009-DWQ as amended by Order No. 2010-0014-DWQ and 2012-006-DWQ. The CGP also requires that prior to the start of construction activities, the project applicant must file permit registration documents (PRD) with the SWRCB prior to the start of construction. The PRDs include a Notice of Intent, risk assessment, site map, Stormwater Pollution Prevention Plan (SWPPP), annual fee, and a signed certification statement. In addition, the City of Ontario requires that an erosion and sediment control plan be submitted prior to grading plan approval and the issuance of a grading permit. Submittal of the PRDs and implementation of the SWPPP and the erosion control plan throughout the construction phase of the Proposed Project would address anticipated and expected pollutants of concern as a result of construction activities.

Pollutants from the post-construction phases of projects include sediment, metals, nutrients, pesticides, and hydrocarbons. TOP 2050 includes policies that direct the City to reduce pollutants in the City's stormwater system. Projects approved under TOP 2050 would be required to control pollutants in discharges of stormwater from postconstruction activities under National Pollution Discharge Elimination System (NPDES) Permit through preparation of a Water Quality Management Plan (WQMP) identifying BMPs for prevention of stormwater pollution during the

postconstruction phase, including site-design, source-control, and/or treatment BMPs. Therefore, water quality standards and waste discharge requirements would not be exceeded, and surface water and groundwater quality would not be degraded. Impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: As demonstrated in the analysis below, the Project would not violate any water quality standards or waste discharge requirements. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Temporary Construction-Related Activities

Construction of the Project would involve demolition, clearing, grading, paving, utility installation, construction, and landscaping activities. Construction activities would result in the generation of potential water quality pollutants such as silt, debris, chemicals, paints and solvents, and other chemicals with the potential to adversely affect water quality. As such, short-term water quality impacts have the potential to occur during construction of the Project in the absence of protective or avoidance measures.

Construction activities would disturb the 4.2-acre site; therefore, the Project is subject to the requirements of the SWRCB GCP, as previously analyzed in the Certified SEIR. Mandatory adherence to the CGP and implementation of measures outlined in the SWPPP would ensure that the Project does not violate any water quality standards or waste discharge requirements during construction activities. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Post-Development Water Quality Impacts

The site would be developed with a building up to 61,867 s.f. and associated parking and landscaping. To meet the requirements of the NPDES permit, the Project Applicant would be required to prepare and implement a WQMP. Implementation of the WQMP ensures on-going, long-term protection of the watershed basin.

According to the Project's Preliminary WQMP, included as Appendix G.1, the Project is designed to include on-site structural source control BMPs consisting of underground infiltration/detention system. In addition, operation source control BMPs would be implemented, including but not limited to, minimizing non-stormwater site runoff through efficient irrigation system design and controllers, vacuum sweeping of private streets and parking lots, landscape management BMPs, and providing education/training of site occupants and employees on stormwater BMPs. (Huitt-Zollars, 2023a) Compliance with the Preliminary WQMP and long-term maintenance of proposed on-site water quality control features would be required by the City to ensure the long-term effectiveness of all on-site water quality features.

In addition to the WQMP, the NPDES program also requires certain land uses, including the industrial land use proposed by the Project, to prepare a SWPPP for operational activities and to implement a long-term water quality sampling and monitoring program, unless an exemption is granted. Because the permit is dependent upon the operational activities of the building and the tenants are not known at this time, details of the SWPPP (including BMPs) or potential exemption to the SWPPP operational activities requirement cannot be determined at this time. However, based on the requirements of the NPDES Industrial General Permit, the Project's mandatory compliance with all applicable regulations would further reduce potential water quality impacts

during long-term operation.

Implementation of the Project would have a beneficial impact on water quality because it would capture on-site flows and treat flows prior to being discharged into the City's storm drainage system. Based on the foregoing analysis, the Project would not violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality or result in potential discharge of stormwater to affect beneficial uses of receiving waters. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that future development would increase the amount of impermeable surfaces in the City and reduce the amount of permeable surfaces available for groundwater recharge. Most of the increase in impermeable surfaces in the City would result from development of the Ontario Ranch in accordance with land use designations in TOP 2050. Future urban development in Ontario Ranch would be served by domestic water provided by the City. Approximately 46 percent of the City's water supply is groundwater pumped by the City from the Chino Groundwater Basin; groundwater pumping is managed by OMUC so that domestic demands do not exceed the safe yield for the basin. With the implementation of City policies that promote Low Impact Development (LID) and infiltration for new development projects and compliance with the Chino Basin Watermaster's safe yield restrictions, the potential for the project to substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin would be less than significant. Therefore, TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: Water supply to the Project would be provided by OMUC and would not require the direct use of groundwater at the Project site. Therefore, the Project would not require direct additions or withdrawals of groundwater. Excavation that would result in the interception of existing aquifers or penetration of the existing water table is not proposed or anticipated. In addition, since the existing Project site is mostly impervious, the Project would not reduce any existing percolation of surface water into the groundwater table. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that future development associated with TOP 2050 would involve site improvements that require grading, excavation, and

soil exposure during construction, with the potential for erosion or siltation to occur. If not controlled, the transport of these materials to local waterways could temporarily increase suspended sediment concentrations and release pollutants attached to sediment particles. To minimize this impact, the project would be required to comply with the requirements in the State's CGP, including preparation of a notice of intent and SWPPP prior to the start of construction activities. In addition, the City of Ontario requires preparation of an erosion and sediment control plan and implementation of BMPs to control erosion, debris, and construction-related pollutants. For post-construction, projects approved under TOP 2050 would be required to control stormwater discharges under NPDES Permit through preparation of a WQMP identifying BMPs for reducing or eliminating runoff. Collectively, implementation of BMPs outlined in SWPPPs, erosion and sediment control plans, WQMPs, and TOP 2050 policies would address anticipated erosion and siltation impacts. Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: Under existing conditions, the Project site does not contain a stream or river; therefore, the Project does not have to potential to alter the course of a stream or river. No impacts would occur in this regard. Refer to Response 10a. Project construction would temporarily expose on-site soils to surface water runoff. However, consistent with the findings of the Certified SEIR, compliance with construction-related BMPs and/or the SWPPP would control and minimize erosion and siltation, resulting in a less than significant impact. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that future development would increase the amount of impermeable surfaces in the City, which could result in future on- and off-site flooding. The City's standard conditions of approval for new development also require the preparation of hydrology studies and drainage analyses that document the peak runoff rates from the developed site and evaluate the capacity of the storm drain system to accept these flow rates. Additionally, TOP 2050 policies would direct the City to incorporate strategies to capture, slow, or treat run-off and to reduce the flooding potential down-gradient of new development. These policies would reduce the potential for on- and off-site flooding during the operational phase of future development projects. Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site is currently developed; redevelopment of the site would not increase impervious surfaces. According to the Preliminary Hydrology Study prepared by Huitt-Zollars, Inc., included as Appendix G.2, all runoff will be directed to the on-site underground infiltration/detention system between the parking stalls along the western boundary and the paved loading dock section. The overflow from the underground system will discharge through a proposed parkway drain onto South Grove Avenue. A system of catch basins laid around the site will collect and pre-treat stormwater before it enters the underground system via a network of PVC pipes. The existing drainage pattern of the rear bio-swale will be kept by including a pipe that runs along the west boundary of the site from north to south in order to collect stormwater from the northern property and convey it to the southern property. No runoff from the Project site will be allowed to drain onto adjacent properties.

Moreover, the total 100-year peak flow rate tributary to the Project site at proposed condition is approximately 7.95 cfs, which is well below the 80% of existing peak flow (12.86 cfs) requirement for the City. (Huitt-Zollars, 2023b). Therefore, runoff discharge from the Project site would not have an adverse effect to the existing storm drain system downstream. The Project would not substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off-site. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that projects considered for approval under TOP 2050 would be required to prepare project-specific hydrology and hydraulic studies as required by the City. In compliance with the MS4 Permit and San Bernardino County Stormwater Program, new development projects would also be mandated to install stormwater treatment BMPs that retain the 2-year, 24-hour rainfall event. Because new development in the City would be required to prepare a hydrology study and drainage analysis in accordance with the San Bernardino County Hydrology Manual, no significant impacts would occur. Therefore, TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: As stated above, according to the Project's Preliminary Hydrology Study, included as Appendix G.2, runoff from the implementation of the Project would be below the 80% existing peak flow requirement for the City. Accordingly, the Project would not create or contribute runoff that would exceed the capacity of any existing stormwater drainage system. Consistent with the finding of the Certified SEIR, stormwater generated by the Project will be discharged in compliance with the statewide NPDES General Construction Activities Stormwater Permit and San Bernardino County MS4 permit requirements. With the full implementation of a SWPPP developed in compliance with the General Construction Activities Permit requirements, the BMPs included in the SWPPP, and a stormwater monitoring program would reduce any impacts to below a level of significance. Additionally, projects approved under TOP 2050 would be required to comply with the Santa Ana River Basin Plan and to control pollutants in discharges of stormwater from post-construction activities under NPDES Permit. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

iv. Impede or redirect flood flows?

Summary of Certified SEIR Finding: The Certified SEIR concluded that only small portions of the City adjacent to flood control channels, detention basins, and creeks are in the 100-year floodplain. The western portion of Ontario Ranch is labeled Zone D—undetermined flood hazard—and no hazard analysis has been completed for this area. TOP 2050 include policies to reduce impacts of potential development within 100-year flood zones. Additionally, Chapter 13 of the Ontario Municipal Code requires that a development permit be obtained prior to development in a special flood hazard area to ensure that the site is reasonably safe from flooding and flood

hazards. With implementation of existing policies, the potential for the project to impede or redirect flood flows is considered less than significant. Therefore, TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: According to the Federal Emergency Management Agency (FEMA) flood map No. 06071C8617J, the Project site is located within Zone X, an area of minimal flood hazard (FEMA, 2016). Therefore, the Project would not impede or redirect flood flows and no impact would occur. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that the western and southern portions of the City are in the dam inundation zone of San Antonio Dam. The probability of dam failure is very low, and Ontario has never been impacted by a major dam failure. In addition, dam owners are required to maintain emergency action plans that include procedures for damage assessment and emergency warnings. Because the likelihood of catastrophic failure of the San Antonio Dam is very low and the City has emergency action plan (EAP) notification procedures, impacts of release of pollutants due to dam inundation are considered less than significant. The City is inland and approximately 30 miles from the ocean and is not at risk of flooding due to tsunamis. Therefore, impacts associated with the release of pollutants due to inundation would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: As discussed above, the Project site is not in a FEMA flood zone. Additionally, consistent with the findings of the Certified SEIR, there are no large water bodies in the area that could impact the Project site due to a seiche and the Project site is outside of any tsunami hazard zone. Therefore, the Project would not result in a risk of pollutant release due to inundation from a flooding event, tsunami, or seiche zones. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that the City's groundwater supplies are from the Chino Groundwater Basin, which is adjudicated and managed by the Chino Basin Watermaster. The Chino Basin is exempt from legislative requirements under the Sustainable Groundwater Management Act (SGMA) because it is an adjudicated basin and is not required to prepare a groundwater sustainability plan. As discussed above, implementation of the SWPPP, and adherence to the City's Erosion and Sediment Control Plan requirements would ensure that surface and groundwater quality are not adversely impacted during construction. Additionally, projects approved under TOP 2050 would be required to comply with the Santa Ana River Basin Plan and to control pollutants in discharges of stormwater from post-construction activities under NPDES Permit. Therefore, implementation of TOP 2050 would not obstruct or

conflict with the RWQCB's Basin Plan or any groundwater management plan, and impacts would be less than significant. TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: As discussed under Response 10a, the Project site is within the Santa Ana River Basin; therefore, Project-related construction and operational activities would be required to comply with the Santa Ana RWQCB's Santa Ana River Basin Water Quality Control Plan by preparing and adhering to an SWPPP and WQMP. Additionally, as discussed previously, implementation of the Project would not conflict with or obstruct the Santa Ana River Basin Water Quality Control Plan.

The Project site is located within the Chino Groundwater Basin. Upon development, the Project site will be connected to the City's public water supply and there will be no onsite wells for use of groundwater. The City manages both the potable and non-potable supplies to ensure withdrawals from the Chino Groundwater Basin do not exceed the safe yield for the Basin, as per the Chino Basin Watermaster's Optimum Basin Management Program (OBMP). Therefore, the Project would not obstruct or conflict with the OBMP. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

11. LAND USE & PLANNING. Would the project:

a. Physically divide an established community?

Summary of Certified SEIR Finding: The Certified SEIR concluded that the changes in land use that would occur upon the implementation of TOP 2050 Land Use Plan would not result in the physical division of an established community. The Land Use Element of TOP 2050 contains policies and programs that encourage the preservation or enhancement of the existing, primarily residential community through infill development, open space opportunities, and development of compatible uses that would reduce the amount of conflict between contradicting land uses and enhance the existing character of Ontario. TOP 2050 would avoid conflicting land uses and would not divide an established community. Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site is located in an area that is currently developed with urban land uses. Existing commercial/office development borders the site to the north, south, and east with industrial uses to the west. The Project Applicant would redevelop the site with an warehouse building with associated parking and landscaping improvements, consistent with the TOP 2050 land use plan. The Project will be of similar design and size to surrounding development. The Project would not have the potential to physically divide an established community. No adverse impacts are anticipated. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that TOP 2050 is consistent with the majority of Connect SoCal's goals. Additionally, the Airport Planning section of the TOP 2050 Land Use and Mobility Elements includes policies that would ensure airport planning compatibility and consistency. Therefore, TOP 2050 ensures compatibility with ONT and Chino Airport. Impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site is designated for Business Park by the TOP 2050 Land Use Plan. The Project Applicant would redevelop the Project site in accordance with the adopted land use designations. The Project would require a Specific Plan Amendment to the Grove Avenue Specific Plan to change the land use designation of 4.2 acres of land from Office/Commercial to Business Park. The Specific Plan Amendment would bring the land use under the Grove Avenue Specific Plan for the Project site into conformance with the TOP 2050 Land Use Plan, which lists the Project site as Business Park (0.6 FAR). Development standards and design guidelines applicable to the Business Park zone under the Grove Avenue Specific Plan would remain the same under the Project. The Project is consistent with the TOP and does not interfere with any policies for environmental protection. As such, no impacts are anticipated. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

12. 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?

Summary of Certified SEIR Finding: The Certified SEIR concluded that there are two areas in Ontario that are designated MRZ-2, where significant mineral resources are known or are likely. The remainder of the City is designated MRZ-3, where the significance of mineral deposits is unknown. Development in an MRZ-3 area would not result in significant impacts because mineral resources of statewide or local importance are not identified on the California Geological Survey's P-C maps. Implementation of TOP 2050 would not result in changes to the existing land use designation or existing conditions of the MRZ-2 areas. Therefore, TOP 2050 would not result in the loss of availability of a known mineral resource in Ontario, and impacts to mineral resources would be less than significant.

Discussion of Effects: The Project site is located within an developed area surrounded by urban land uses. As shown in Figure 5.12-1 of the Ontario Plan 2050 Draft SEIR, the Project site is designated as MRZ-3 (City of Ontario, 2022b). As concluded in the TOP 2050 EIR, development in an MRZ-3 area would not result in significant impacts to mineral resources. Therefore, no impacts are anticipated. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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?

Summary of Certified SEIR Finding: As discussed above, the Certified SEIR concluded that implementation of TOP 2050 would not result in the loss of availability of a locally important mineral resource recovery site. Therefore, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: As discussed in Response 12a above, there are no known mineral resources in the area. The Project would not result in the loss of availability of locally-important mineral resources. No impacts are anticipated. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

13. NOISE. Would the project result in:

The analysis in this section is based on the Noise and Vibration Analysis prepared by Urban Crossroads, Inc. dated June 5, 2023 and is provided in their entirety as Appendix H of this Addendum.

a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Summary of Certified SEIR Finding: The Certified SEIR concluded that construction activities associated with buildout of TOP 2050 would result in temporary noise increases at sensitive receptors. Mitigation Measure 12-4 would reduce potential impacts associated with construction from individual development projects to the extent feasible. However, due to the potential for proximity of construction activities to sensitive uses, the number of construction projects occurring simultaneously, and the potential duration of construction activities, construction activities could still result in a temporary substantial increase in noise levels above ambient conditions and exceedance of the 80 dBA Leq threshold. Therefore, construction noise impacts would remain significant and unavoidable. It should be noted that the identification of this program level impact does not preclude the finding of less-than-significant impacts for subsequent projects analyzed at the project level.

Moreover, TOP 2050 would not result in new type of stationary noise sources than those under TOP; therefore, stationary noise impacts would be less than significant. Additionally, traffic noise level increase would be below the significant threshold and TOP 2050 include policies that would minimize traffic noise impacts. Therefore, operational noise impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: A Project-specific Noise and Vibration Analysis has been prepared by Urban Crossroads for the Project and is included as Appendix H. Redevelopment of the Project site with a new building and associated improvement has the potential to generate elevated noise levels during both near-term construction activities and under long-term operational conditions. Near-term (i.e., temporary) and long-term (i.e., permanent) noise level increases that would be associated with the Project are described below. To assess the potential short-term construction and long-term operational noise impacts, Urban Crossroads identified 5 representative noise-sensitive receiver locations at which the Project's anticipated noise generation was compared against as shown in Figure 10, *Receiver Locations*.

Figure 10: Receiver Locations

Construction Noise Impact

The Project's only potential to cause a substantial temporary or periodic increase in ambient noise levels would occur during the construction phase. Construction activities on the Project site, especially those involving the use of heavy equipment, would create intermittent, temporary increases in ambient noise However, although periodic and temporary construction noise has the potential to be substantial compared to existing ambient noise levels. The Project's construction-related activities are required to comply with the City's Noise Ordinance (Municipal Code Section 5-29.09).

The City of Ontario has set restrictions to control noise impacts associated with construction. Section 5-29.09 of the Municipal Code states: No person, while engaged in construction, remodeling, digging, grading, demolition or any other related building activity, shall operate any tool, equipment or machine in a manner that produces loud noise that disturbs a person of normal sensitivity who works or resides in the vicinity, or a Police or Code Enforcement Officer, on any weekday except between the hours of 7:00 a.m. and 6:00 p.m. or on Saturday or Sunday between the hours of 9:00 a.m. and 6:00 p.m. While the City establishes limits to the hours during which construction activity may take place, it does not identify specific noise level limits for construction noise levels at potentially affected receiver locations for CEQA analysis purposes. Therefore, a numerical construction threshold of 80 decibels (dBA) equivalent sound level (L_{eq}) based on Federal Transit Administration (FTA) Transit Noise and Vibration Impact Assessment Manual is used for analysis of daytime construction impacts. As shown in Table 13-1, *Construction Noise Level Compliance*, the Project's construction-related noise at the off-site receiver locations will satisfy the 80 dBA L_{eq} significance threshold (Urban Crossroads, 2023b). Therefore, construction noise impacts would be less than significant.

Table 13-1 Construction Noise Level Compliance

Receiver Location[1]	Construction Noise Levels (dBA L_{eq})		
	Highest Construction Noise Levels[2]	Threshold[3]	Threshold Exceeded?[4]
R1	61.2	80	No
R2	63.9	80	No
R3	59.4	80	No
R4	60.2	80	No
R5	54.8	80	No

[1] Noise receiver locations are shown on Figure 10.
[2] Highest construction noise level calculations based on distance from the construction noise source activity to the nearest receiver locations as shown on Table 8-2 of the Noise Impact Analysis.
[3] Construction noise level thresholds as shown on Table 4-1 of the Noise Impact Analysis.
[4] Do the estimated Project construction noise levels exceed the construction noise level threshold?
Source: (Urban Crossroads, 2023b , Table 8-3)

Operational Noise Impact

Future users of the proposed Project are currently unknown. Therefore, this analysis presents worst-case scenario noise conditions for typical warehouse activities, assuming that the Project would be operational 24-hours per day, 7 days per week. The Project's proposed business operations would primarily be conducted within the enclosed building, except for traffic movement, parking, and loading/unloading of trucks at designated loading bays. The on-site

Project-related noise-sources are anticipated to include: loading dock activity, roof-top air conditioning units, trash enclosure activity, parking lot vehicle movements, and truck movements.

To estimate the Project's operational noise impacts, reference noise level measurements were collected from similar types of activities to represent the noise levels anticipated with the development of the Project. To demonstrate compliance with local noise regulations, the Project-only operational noise levels are evaluated against exterior noise level thresholds based on the City of Ontario exterior noise level standards at nearby noise-sensitive receiver locations. Section 5-29.04(a) identifies the allowable daytime and nighttime ambient exterior noise standards for each land use type. For residential land uses (Noise Zone I), ambient exterior noise levels may not exceed 65 dBA Leq during the daytime hours (7:00 a.m. to 10:00 p.m.), and may not exceed 45 dBA Leq during the nighttime hours (10:00 p.m. to 7:00 a.m.). Table 13-2, *Operational Noise Level Compliance*, shows the operational noise levels associated with the Project will satisfy the City of Ontario exterior noise level standards adjusted to reflect the ambient noise conditions (Urban Crossroads, 2023b). Therefore, operational noise impacts would be less than significant.

Table 13-2 Operational Noise Level Compliance

Receiver Location[1]	Project Operational Noise Levels (dBA L_{eq})[2]		Noise Level Standards (dBA L_{eq})[3]		Noise Level Standards Exceeded?[4]	
	Daytime	Nighttime	Daytime	Nighttime	Daytime	Nighttime
R1	55.7	55.6	63.7	59.2	No	No
R2	58.0	57.9	61.8	60.0	No	No
R3	48.6	48.5	72.1	67.2	No	No
R4	54.0	53.9	67.2	64.8	No	No
R5	48.5	48.4	67.0	65.4	No	No

[1] See Figure 10 for the receiver locations.
[2] Proposed Project operational noise levels as shown on Appendix H of the Noise Impact Analysis.
[3] Section 5-29.04 of the City of Ontario Municipal Code.
[4] Do the estimated Project operational noise source activities exceed the noise level standards?
"Daytime" = 7:00 a.m. - 10:00 p.m.; "Nighttime" = 10:00 p.m. - 7:00 a.m.
Source: (Urban Crossroads, 2023b , Table 7-4)

Therefore, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required. The following mitigation measure from the Certified SEIR is applicable to the Project:

MM 12-4 Construction activities associated with new development that occurs near sensitive receptors shall be evaluated for potential noise impacts. Construction contractors shall implement the following measures for construction activities in the City of Ontario. Construction plans submitted to the City shall identify these measures on demolition, grading, and construction plans. The City of Ontario Planning and Building Departments shall verify that grading, demolition, and/or construction plans submitted include these notations prior to issuance of demolition, grading, and/or building permits.

- Construction activity is limited to the hours between 7:00 am and

6:00 pm Monday through Friday and 9:00 am to 6:00 pm Saturdays and Sundays, as prescribed in Municipal Code Section 5-29.09.

- During the entire active construction period, equipment and trucks used for project construction shall use the best-available noise control techniques wherever feasible (e.g., improved mufflers, equipment re-design, use of intake silencers, ducts, engine enclosures, and acoustically attenuating shields or shrouds).

- Impact tools (e.g., jack hammers and hoe rams) shall be hydraulically or electrically powered wherever possible. Where the use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used along with external noise jackets on the tools.

- Stationary equipment such as generators and air compressors shall be located as far as feasible from nearby noise-sensitive uses.

- Stockpiling shall be located as far as feasible from nearby noise-sensitive receptors.

- Construction traffic shall be limited, to the extent feasible, to approved haul routes established by the City's Engineering Department.

- At least 10 days prior to the start of construction activities, a sign shall be posted at the entrance(s) to the job site, clearly visible to the public, that includes permitted construction days and hours as well as the telephone numbers of the City's and contractor's authorized representatives that are assigned to respond in the event of a noise or vibration complaint. If the authorized contractor's representative receives a complaint, he/she shall investigate, take appropriate corrective action, and report the action to the City.

- Signs shall be posted at the job site entrance(s), within the on-site construction zones, and along queueing lanes (if any) to reinforce the prohibition of unnecessary engine idling. All other equipment shall be turned off if not in use for more than 5 minutes.

- During the entire active construction period and to the extent feasible, the use of noiseproducing signals, including horns, whistles, alarms, and bells, shall be for safety warning purposes only. The construction manager shall use smart back-up alarms, which automatically adjust the alarm level based on the background noise level or switch off back-up alarms and replace with human spotters in compliance with all safety requirements and laws.

- Erect temporary noise barriers (at least as high as the exhaust of equipment and breaking line-of-sight between noise sources and sensitive receptors), as necessary and feasible, to maintain construction noise levels at or below the performance standard of 80 dBA Leq. Barriers shall be constructed with a solid material that

has a density of at least 1.5 pounds per square foot with no gaps from the ground to the top of the barrier and may be lined on the construction side with an acoustical blanket, curtain, or equivalent absorptive material.

MM 12-4 has been met through preparation of First Grove Noise and Vibration Analysis prepared by Urban Crossroads, Inc. provided in Appendix H. No construction-related noise impacts have been identified in the technical report.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that construction activity at projects within TOP 2050 plan area would generate varying degrees of ground vibration, depending on the construction procedures and equipment. TOP 2050 would have similar impacts as the TOP because specific project-level data for individual developments for TOP 2050 (such as construction equipment) are not available, and construction could generate excessive vibration levels at sensitive receptor locations. Vibration-related noise impacts during construction that would accommodate buildout of TOP 2050 would be potentially significant. Mitigation Measure 12-2 would reduce potential impacts associated with construction vibration from individual development projects to the extent feasible. However, due to the potential for proximity of construction activities to sensitive uses, the number of construction projects occurring simultaneously, and the potential duration of construction activities, impacts would remain significant and unavoidable and would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR. It should be noted that the identification of this program-level impact does not preclude the finding of less-than-significant impacts for subsequent projects analyzed at the project level.

Commercial and industrial operations would generate varying degrees of ground vibration, depending on the operational procedures and equipment. The Certified EIR found that the majority of industrial uses would not be immediately adjacent to vibration-sensitive uses, the use of heavy equipment associated with industrial activities would occur indoors, and no significant vibration impacts would occur from vibration generated by industrial uses. TOP 20050 would not result in new or a substantial increase in magnitude of impacts compared to that of TOP. Therefore, vibration impacts during operation would be less than significant and would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: According to the Federal Transit Administration (FTA), vibration is the period oscillation of a medium or object. Sources of ground-borne vibrations include natural phenomena (e.g., earthquake, landslides, sea waves) or human-made causes (e.g., explosions, machinery, traffic, trains, construction equipment). To analyze vibration impacts originating from the operation and construction of the Project, vibration generating activities are evaluated based on Caltrans methodology. The Caltrans Transportation and Construction Vibration Guidance Manual provide guidelines for the maximum-acceptable vibration criteria. The nearest noise sensitive buildings adjacent to the Project site can best be described as “older residential structures” with a maximum acceptable continuous vibration threshold of 0.3 PPV (in/sec).

Construction-Related Vibration Impacts

Construction activity can result in varying degrees of ground vibration, depending on the equipment and methods employed. Operation of construction equipment causes ground vibrations that spread through the ground and diminish in strength with distance. Table 13-4, *Project Construction Vibration Levels*, presents the expected Project related vibration levels at the

nearby receiver locations. At distances ranging from 439 to 1,521 feet from Project construction activities, construction vibration velocity levels are estimated to range from 0.000 to 0.001 in/sec PPV. Based on maximum acceptable continuous vibration threshold of 0.3 PPV (in/sec) per the Caltrans Transportation and Construction Vibration Guidance Manual, the typical Project construction vibration levels will fall below the building damage thresholds at all the noise sensitive receiver locations. Therefore, the Project-related vibration impacts would be less than significant during typical construction activities at the Project site. Moreover, the vibration levels reported at the sensitive receiver locations are unlikely to be sustained during the entire construction period but will occur rather only during the times that heavy construction equipment is operating adjacent to the Project site perimeter (Urban Crossroads, 2023b).

Table 13-4 Project Construction Vibration Levels

Receiver[1]	Distance to Const. Activity (Feet)[2]	Typical Construction Vibration Levels PPV (in/sec)[3]					Thresholds PPV (in/sec)[4]	Thresholds Exceeded?[5]
		Small bulldozer	Jackhammer	Loaded Trucks	Large bulldozer	Highest Vibration Level		
R1	596'	0.000	0.000	0.001	0.001	0.001	0.3	No
R2	439'	0.000	0.000	0.001	0.001	0.001	0.3	No
R3	824'	0.000	0.000	0.000	0.000	0.000	0.3	No
R4	756'	0.000	0.000	0.000	0.001	0.001	0.3	No
R5	1,521'	0.000	0.000	0.000	0.000	0.000	0.3	No

[1] Receiver locations are shown on Exhibit 8-A of the Noise Impact Analysis.
[2] Distance from receiver location to Project construction boundary (Project site boundary).
[3] Based on the Vibration Source Levels of Construction Equipment (Table 8-4 of the Noise Impact Analysis).
[4] Caltrans Transportation and Construction Vibration Guidance Manual, April 2020, Table 19, p. 38.
[5] Does the peak vibration exceed the acceptable vibration thresholds?
"PPV" = Peak Particle Velocity
Source: (Urban Crossroads, 2023b , Table 8-6)

Operational-Related Vibration Impacts

Under long-term conditions, the Project would not include nor require equipment, facilities, or activities that would result in substantial or perceptible ground-borne vibration. Trucks would travel to-and-from the Project site during long-term operation; however, vibration levels for heavy trucks operating at low to-normal speeds on smooth, paved surfaces, as expected on the Project site and surrounding roadways typically do not exceed the Caltrans vibration thresholds. As concluded in the Certified SEIR, industrial uses do not normally induce significant groundborne vibrations because they do not typically involve equipment or activities which result in large vibrations. Accordingly, long-term operation of the Project would not expose persons or generate excessive groundborne vibration or groundborne noise levels, and a less than significant impact would occur.

Therefore, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that implementation of TOP 2050 could expose noise sensitive uses to excessive noise levels from the Ontario International Airport. With the implementation of Mitigation Measure 12-1, impacts to future sensitive receptors from excessive airport-related noise would be reduced to interior noise levels of 45 dBA CNEL or less. While interior noise levels are required to achieve the interior noise limits of Title 24 and Title 25, exterior noise levels may continue to exceed the noise compatibility criteria for the City. Consequently, airport noise compatibility impacts would remain significant and unavoidable, and would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: According to the Ontario International Airport (ONT) Land Use Compatibility Plan (ALUCP), the Project site is located within the ONT Airport Influence Area (City of Ontario, 2011). Moreover, the Project site is located outside of the 65 CNEL noise impact zone and is subject to the Noise Criteria established on Table 2-3 in the ONT ALUCP. According to Table 2-3 of the ONT ALUCP, industrial land uses located outside the 65 dBA CNEL noise level contours of ONT, such as the Project, are considered normally compatible land use. For normally compatible land uses, either the activities associated with the land use are inherently noisy or standard construction methods will sufficiently attenuate exterior noise to an acceptable indoor community noise equivalent level (CNEL). Moreover, as discussed under Response 13a, the Project would not result in a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established. Therefore, the Project would not expose people residing or working in the project area to excessive noise levels and impacts would be less than significant. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

14. POPULATION & HOUSING. Would the project:

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that implementation of TOP 2050 accommodates population growth through land use designations, goals, and policies that provide a vision and guide growth in the City. TOP 2050 would increase population, dwelling units, and nonresidential buildings but would result in a small decrease in employment. Although the increase in population, housing, and employment under TOP 2050 would exceed SCAG's regional forecasts for the City of Ontario, TOP 2050 would improve the job-housing balance. Consequently, impacts would be less than significant and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project would result in the development of an approximately 61,867 s.f. warehouse facility and does not include a residential component that would increase population growth. Based on the Southern California Association of Governments' (SCAG) Employment Density Study of 1 employee per 1,195 square feet for warehouse use, the Project would generate approximately 61 direct jobs According to the California Employment

Development Department (EDD), as of December 2022, the City of Ontario has a labor force of 94,700 persons and of that labor force, 3,300 are unemployed (unemployment rate of 3.2 percent)(EDD, 2022). According to SCAG's 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy, the City of Ontario is anticipated to employ approximately 169,300 persons by 2045 (SCAG, 2020). Additionally, the TOP 2050 projected 296,002 employees in 2050. Therefore, the Project is consistent with both the SCAG's 2045 and TOP 2050 employment projections for the City. Project-generated jobs are well within the employment projections for the City of Ontario. Operation of the Project would not induce substantial unplanned population growth in the Project area, either directly or indirectly and would not exceed regional or local growth projections. Therefore, no impacts are anticipated. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that land use changes under TOP 2050 would increase opportunities for housing in the City—for example, by converting shopping centers to mixed-use and increasing residential density in existing residential areas and religious properties. The TOP 2050 Land Use Plan would provide land use designations for a variety of housing types and provide for additional residential opportunities throughout Ontario. TOP 2050 includes the following policies supporting an increase in the provision of housing and diversity of housing opportunities in the City. Therefore, impacts would be less than significant and would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site does not contain any housing and there are no people living at the Project site that would be displaced by the Project. Therefore, no impacts are anticipated. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

15. PUBLIC SERVICES. Would the project:

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

i. Fire protection?

Summary of Certified SEIR Finding: Fire prevention services are provided by the Ontario Fire Department (OFD). The Certified SEIR concluded that based on correspondence with the OFD, existing conditions would not be adequate to meet such increased demands from the implementation of TOP 2050. The OFD's recommendation is that three additional fire stations would be needed in the Ontario Ranch to meet projected needs. While the construction of future facilities could result in potential environmental impacts, future environmental review would occur once specific locations have been determined. Without a definitive location for the development

of future facilities, the analysis of potential impacts is too speculative to conduct. Future projects would be reviewed by the City and the OFD on an individual basis and would be required to comply with requirements in effect at the time building permits are issued, including the payment of development impact fees (DIF) that contribute to funding for additional staffing, facilities, and equipment. Therefore, impacts to fire protection services would be less than significant and implementation of TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project Applicant would develop the Project site in accordance with TOP 2050 land use plan. Accordingly, the development activities proposed by the Project were planned by TOP 2050 and, thus, the Project's demand for fire protection services was anticipated by the Certified SEIR. Additionally, the Project site is not located within the Ontario Ranch area. The proposed building would be in accordance with the applicable provisions of the adopted California Fire Code (CFC) and the City's Municipal Code Section 4-4.01, ordinances, and standard conditions regarding fire prevention and suppression measures related to water improvement plans, fire hydrants, fire access, and water availability. The Project will not require the construction of any new fire protection facilities or alteration of any existing fire protection facilities or cause a decline in the levels of service, which could cause the need to construct new fire protection facilities. Consistent with the findings of the Certified SEIR, DIF would also be collected in order to build and supply necessary infrastructure for fire protection services, as necessary. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

ii. Police protection?

Summary of Certified SEIR Finding: Police protection services are provided by the Ontario Police Department (OPD). The Certified SEIR concluded that according to correspondence with the OPD as part of this project, the OPD currently has enough staffing to meet current demands but would require additional staffing as population increases to accommodate buildout of TOP 2050. There are current plans for adding a substation in Downtown Ontario and Ontario Ranch. While the construction of future facilities could result in potential environmental impacts, future environmental review would occur once specific locations have been determined. Without a definitive location for the development of future facilities, the analysis of potential impacts is too speculative to conduct. Future development would also be subject to development impact fees which pay for police services. Therefore, impacts to police protection services would be less than significant and implementation of TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project Applicant would develop the Project site in accordance with TOP 2050 land use plan. Accordingly, the development activities proposed by the Project were planned by TOP 2050 and, thus, the Project's demand for police protection services was anticipated by the Certified SEIR. Additionally, the Project is not located within the Downtown Ontario and Ontario Ranch areas. The Project plans would be reviewed and approved by the City's Building and Police Departments, which would ensure that adequate safety and crime prevention measures are provided within the Project's design. The Project will not require the construction of any new police protection facilities or alteration of any existing police protection facilities or cause a decline in the levels of service, which could cause the need to construct new police protection facilities. Consistent with the findings of the Certified SEIR, DIF would also be collected in order to build and supply necessary infrastructure for police protection

services, as necessary. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

iii. Schools?

Summary of Certified SEIR Finding: As part of the development of this SEIR, the City reached out to the five school districts that serve residents of Ontario to obtain existing conditions information and information on potential impacts. Current enrollment for all three of these school districts is below capacity and the capacity of the schools in addition to any already planned construction projects would be able to accommodate the increased population due to the implementation of TOP 2050. However, it is possible that Ontario-Montclair School District and Cucamonga School District would need additional facilities. Developers would be required to pay the impact fees levied by each school district, set within the limits of SB 50. The Certified SEIR concluded that although the increased demand on school facilities would have the potential to impact one or more of the school districts that serve Ontario, payment of impact fees in compliance with SB 50 would reduce the impacts to an acceptable level. Therefore, impacts to school services would be less than significant and implementation of TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The City is served by the Ontario-Montclair School District. The Project Applicant proposes to demolish the existing industrial buildings and redevelop the site with a single industrial building. Implementation of the Project does not have the potential to result in substantial direct growth in the population, nor an increase in the student population. The Project Applicant would develop the Project site in accordance with TOP 2050 land use plan and, thus, the Project's indirect demand for public school services was anticipated by the Certified SEIR. The Project would be required to pay school fees as prescribed by state law prior to the issuance of building permits. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

iv. Parks?

Summary of Certified SEIR Finding: Park service were discussed under the Recreation section of the Certified SEIR. The Certified SEIR concluded that impacts to recreation would be less than significant and implementation of TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR. Details on the summary findings are discussed below in Section 16.

Discussion of Effects: The Project would develop the Project site in accordance with TOP 2050 land use plan and would not introduce new residents to the City necessitating the need for additional parks. The Project will not require the construction of any new parks or alteration of any existing parks or cause a decline in the levels of service, which could cause the need to construct new park facilities. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

v. Other public facilities?

Summary of Certified SEIR Finding: The Certified SEIR concluded that the Ontario library system is currently not meeting the goal of 0.6 square feet of library facilities per capita. Buildout of TOP 2050 would result in an increase in demand for library services in the City of Ontario based on an increase in population. Environmental impacts could result from the construction of future facilities; however, the location and size of potential future facilities is currently unknown, and each project would have to complete applicable environmental review under CEQA when it is determined. Future projects would be reviewed by the City of Ontario on an individual basis and would be required to comply with requirements in effect at the time building permits are issued (i.e., payment of development impact fees). Since adequate services would be provided and payment of development impact fees would offset the costs associated with library services, impacts on library services would be less than significant. Therefore, implementation of TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project would develop the Project site in accordance with TOP 2050 land use and would not introduce new residents to the City necessitating the need for additional public facilities. The Project will not require the construction of any new public facilities or alteration of any existing public facilities or cause a decline in the levels of service, which could cause the need to construct new public facilities. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

16. RECREATION. Would the project:

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that future growth in the City in accordance with buildout of TOP 2050 would increase the demand for parks and increase existing park usage. TOP 2050 would designate approximately 900 acres for recreational uses under the Open Space – Recreation (OS-R) land use designation. Additionally, new development in Ontario Ranch provides an additional two acres per 1,000 residents for private parks in addition to the City's three acres per 1,000 residents for public parks. There are also at least 180 acres of regional recreational facilities, joint-use agreements with school districts, and private recreational opportunities providing services that cannot be accommodated by existing facilities. As a result, development of park facilities would keep pace with the anticipated increase in population from buildout of TOP 2050. Therefore, impacts would be less than significant, and implementation of TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project would develop the Project site in accordance with the TOP 2050 land use plan. Accordingly, the development activities proposed by the Project were planned by TOP 2050 and, thus, the Project's indirect demand for parks was anticipated by the Certified SEIR. The Project is not proposing any significant new housing or large employment generator that would cause an increase in the use of neighborhood parks or other recreational facilities. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that TOP 2050 includes planned park facilities; however, it is speculative to determine the location of proposed park facilities in the City and impacts arising from development of individual park projects. Existing federal, state, and local regulations as well as goals, policies, and actions in TOP 2050 would mitigate potential adverse impacts to the environment that may result from buildout of TOP 2050, including expansion of parks, recreational facilities, and multiuse trails. Furthermore, subsequent environmental review would be required for development of park projects under the TOP 2050 Land Use Plan. Therefore, impacts would be less than significant, and implementation of TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project does not include recreational facilities or require the construction or expansion of recreational facilities. Implementation of the Project would not result in any adverse physical effects on the environment due to the construction of recreational facilities. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

17. TRANSPORTATION/TRAFFIC. Would the project:

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that TOP 2050 includes policies to encourage and provide access to the regional transit network, to enhance connectivity to the City's nonmotorized transportation network, and proposes the changes to the Mobility Element that have the potential to affect infrastructure projects identified in the Regional Transportation Plan. Therefore, TOP 2050 would not conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities and implementation of TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects:

Project Trip Generation

Trip generation represents the amount of traffic that is attracted to and produced by a development project. The Institute of Transportation Engineers (ITE) Trip Generation Manual (2021) includes a trip generation rate for general light industrial uses (ITE land use code 110). According to the Project's Trip Generation Assessment, included as Appendix I.1, the Project is anticipated to generate a total of 326 two-way trips per day with 46 Passenger Car Equivalent (PCE) AM peak hour trips and 41 PCE PM peak hour trips. However, when accounting for existing conditions, the Project is anticipated to generate 101 fewer two-way trips per day with 6 fewer AM peak hour trips and 10 fewer PM peak hour trips in comparison to the existing uses (in PCE). Per the City's Guidelines, the trip generation comparison is based on PCE as the existing and proposed uses are truck-intensive uses and any operations analysis performed (if necessary) would utilize PCE values. Additionally, when comparing to buildout of the site assumed under TOP 2050, the Project is

anticipated to generate 182 fewer two-way trips per day with 34 fewer AM peak hour trips and 29 fewer PM peak hour trips (in PCE).

The City of Ontario adheres to the County's Transportation Impact Study Guidelines which has been used to determine whether additional traffic analysis is necessary for the proposed Project. The County's Guidelines indicate that development projects that generate a net increase of 100 or more peak hour vehicle trips (without pass-by reductions) would require the preparation and submittal of a Transportation Impact Analysis. The Project is anticipated to generate fewer than 50 net new peak hour trips during the morning and evening peak hours. The Project on its own, without taking any credit for existing uses, also generates fewer than 100 new peak hour trips (both in actual vehicles and PCE). Lastly, the proposed Project uses are anticipated to generate fewer trips than the adopted TOP 2050 land use (Business Park). As such, additional peak hour traffic operations analysis is not necessary based on the thresholds and standards included in the County's Guidelines (Urban Crossroads, 2023c). Therefore, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Bicycle and Pedestrian Facilities

The Project site is not located along a bikeway. The closest designated bikeway to the Project site is a Class I trail located at West Cucamonga Channel, approximately 0.5 mile to the east. The Project would be confined to the Project site and would not affect or conflict with existing or planned bikeways. In addition, the Project would provide bike rack to accommodate bicycle access to the Project stie.

The Project site features (buildings, parking areas, etc.) would be connected by ADA compliant sidewalks and striped crosswalks within the parking areas to the existing ensure pedestrian access throughout Project site. Additionally, the Project would install sidewalk on South Grove Avenue. Implementation of the Project would not interfere with the City's Active Transportation Plan. No impacts would occur.

Transit

Transit service to the City is provided by OmniTrans. The closest bus route to the Project site is Route 87 with a bus stop located at the intersection of South Grove Avenue and East Francis Street, approximately 0.31 mile north of the Project site. The City of Ontario strives to provide a transit system that serves as a viable alternative to automobile travel. The Project would support transit use by improving existing pedestrian and bicycle facilities in the Project area. The Project would not introduce new features to any public road that would affect transit in the Project area. As such, a less than significant impact would occur.

As demonstrated, the Project would not conflict with the City's Mobility Element, and impacts associated with conflict of an applicable program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities would be less than significant. Therefore, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

b. Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?

Summary of Certified SEIR Finding: The Certified SEIR concluded that there is a net increase in citywide Boundary VMT primarily due to the increase in population accommodated by TOP 2050. Mitigation Measure T-1 would reduce potential impacts for future development projects to the extent feasible. Future development projects consistent with TOP 2050 would need to consider transportation demand management (TDM) measures consistent with those identified in the Mobility Element. TDM techniques include incentives to use transit; incentives to form carpools rather than drive alone; and making home, work, and shopping closer together to shorten travel distances. Because the VMT impact is citywide, mitigation measures to reduce VMT would need to focus on changing or improving the citywide travel patterns, transportation network, or infrastructure. Given the uncertainty of the effectiveness of implementing these types of mitigation measures at a citywide level and of their effectiveness at reducing citywide VMT, VMT impacts would remain significant and unavoidable.

Discussion of Effects: The City Guidelines lists standardized screening methods for project level VMT analysis that can be used to identify when a proposed land use development project is anticipated to result in a less than significant impact, thereby eliminating the need to conduct a full VMT analysis. The City of Ontario VMT screening criteria, as described within the City Guidelines, are listed below:

- Transit Priority Area (TPA) Screening
- Low VMT Area Screening
- Project Type Screening

A land use project need only meet one of the above screening criteria to result in a less than significant impact.

TPA Screening

Consistent with guidance identified in the City Guidelines, projects located within a Transit Priority Area (TPA) (i.e., within ½ mile of an existing "major transit stop" or an existing stop along a "high-quality transit corridor"[1]) may be presumed to have a less than significant impact absent substantial evidence to the contrary. However, the presumption may not be appropriate if a project:

- Has a Floor Area Ratio (FAR) of less than 0.75;
- Includes more parking for use by residents, customers, or employees of the project than required by the jurisdiction (if the jurisdiction requires the project to supply parking);
- Is inconsistent with the applicable Sustainable Communities Strategy (as determined by the lead agency, with input from the Metropolitan Planning Organization); or
- Replaces affordable residential units with a smaller number of moderate or high-income residential units.

Based on the secondary criteria outlined in the City Guidelines, the Project does not meet the secondary criteria of having an FAR at or above 0.75, regardless of the Project being physically

[1] Pub. Resources Code, § 21155 ("For purposes of this section, a high-quality transit corridor means a corridor with fixed route bus service with service intervals no longer than 15 minutes during peak commute hours.").

located in a TPA.

Low VMT Area Screening

City Guidelines state that projects may be presumed to have a less than significant VMT impact if located in an already low VMT generating traffic analysis zone (TAZ). City Guidelines recognize low VMT areas as those that generate a VMT per service population (i.e., population and employment) that is 15% below County of San Bernardino Baseline VMT per service population or 33.3 VMT per service population. The San Bernardino Transportation Analysis Model (SBTAM) is used to measure VMT performance in individual TAZs within the region. The Project's physical location was identified in the SBTAM model to determine the TAZ where the Project is located. The Project TAZ 53663401 is then calculated using Origin-Destination (OD) trip matrices to obtain total OD VMT. The resulting total OD VMT is divided by the Project TAZ's service population. The Project TAZ 53663401 has a VMT per service population of 54.8, which exceeds the threshold of 33.3 VMT per service population. As a result, the Project is not located within a low VMT generating zone. Therefore, the Project would not meet the Low VMT Area Screening threshold.

Project Type Screening

The City Guidelines identify that local serving retail less than 50,000 square feet or other local serving essential services (e.g., day care centers, public schools, medical/dental office buildings, etc.) are presumed to have a less than significant impact absent substantial evidence to the contrary. The Project as intended does not contain any local serving uses. Additionally, the City Guidelines state that small projects generating fewer than 110 daily vehicle trips or less may be presumed to have a less than significant impact. The Project is anticipated to generate 204 fewer two-way trips per day as compared to the adopted TOP 2050 in actual vehicles.[2] Therefore, the Project's estimated trips will not exceed the City's 110 net new daily vehicle trip threshold and the Project would meet the Project Type Screening threshold. (Urban Crossroads, 2023d) The Project VMT impact would be less than significant and would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that majority of the population growth associated with TOP 2050 would occur in Ontario Ranch and there are substantial improvements in transportation infrastructure planned to accommodate the increase in population in the City in the event of an emergency. Additionally, the City has adopted roadway classification standards in Policy M-1.1 that include roadway design standards as part of TOP 2050, precluding the construction of any unsafe features. Therefore, impacts would be less than significant, and implementation of TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project's potential to increase hazards as a result of a geometric design feature has been assessed to provide adequate truck access/circulation. The Project's circulation plan has been designed to be compatible with all foreseeable vehicles. Vehicular

[2] For informational purposes, the Project would also generate 66 fewer two-way trips per day as compared to the existing use.

access will be provided via 2 driveways on South Grove Avenue. The southern driveway would be restricted to passenger vehicles only. The northern driveway is 40 feet wide and designed to accommodate the wide turning radius of the heavy trucks.

The Project area is generally characterized by industrial uses. Traffic generated by the Project would be typical of a warehouse and be compatible with the type of traffic generated by the existing and surrounding development. In addition, all proposed improvements within the public right-of-way would be installed in conformance with City design standards. The City of Ontario Engineering Department reviewed the Project's application materials and determined that no hazardous transportation design features would be introduced by the Project. At the time of final grading, landscape, and street improvement plans; the City will further review project access points to ensure adequate sight distance. Accordingly, the Project would not create or substantially increase safety hazards due to a design feature or incompatible use and impacts would be a less than significant. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

d. Result in inadequate emergency access?

Summary of Certified SEIR Finding: The Certified SEIR concluded that a review of emergency access is included as part of the City's Design Review process. According to the City's Local Hazard Mitigation Plan, interstate highways would serve as major emergency response and evacuation routes. Additionally, the Ontario Fire Department reviews development applications to ensure that adequate emergency accessibility is provided based on local and state guidance. Therefore, impacts would be less than significant, and implementation of TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project will be designed to provide access for all emergency vehicles and meet all applicable City of Ontario Fire and Police Department access requirements to ensure that adequate access would be provided for emergency vehicles at Project build out. During construction activities that include road and sidewalk improvements, the Project would provide adequate emergency access along abutting roadways during temporary construction activities. As concluded in the Certified SEIR, the Ontario Fire Department reviews development applications to ensure that adequate emergency accessibility is provided based on local and state guidance. As a result, the Project would not a less than significant impact to emergency access. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

18. TRIBAL CULTURAL RESOURCES. Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

Summary of Certified SEIR Finding: The Certified SEIR concluded that result of the Sacred Lands File (SLF) check conducted through the Native American Heritage Commission (NAHC) was negative. In accordance with AB 52 and SB 18 requirements, the City sent invitation letters to the

Native American contacts provided by the NAHC. Grading and construction activities in undeveloped areas or redevelopment that requires deeper soil excavation than in the past have the potential to disturb tribal cultural resources. Mitigation Measures 5-3 and 5-4 and new Mitigation Measures TCR-1 and TCR-2 would reduce potential impacts associated with tribal cultural resources to a level that is less than significant. Therefore, no significant unavoidable adverse impacts relating to tribal cultural resources remain.

a. 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)?

Discussion of Effects: As analyzed in Response 5.a, there are no resources on the Project site that are eligible for listing in the California Register of Historical Resources or in a local register of historical resources as defined by Public Resources Code Section 5020.1(k). Implementation of the Project would not result in a substantial adverse change in the significance of a listed historical resource. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

b. 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 Resources Code section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

Discussion of Effects: As discussed in Response 5.a, no resources were recorded in the Project site or within one mile of the Project site. However, since the Project would require excavation for construction into previously undisturbed soils, there is a potential to uncover undiscovered prehistoric artifacts or tribal cultural resources during excavation. Therefore, while unlikely, the presence of subsurface tribal cultural resources on the Project site remains possible, and these could be affected by ground-disturbing activities associated with grading and construction at the Project site. As a result, consistent with the findings of the Certified SEIR, implementation of Mitigation Measures 5-3, 5-4, TCR-1 and TCR-2 would preclude potential impacts to tribal cultural resources as defined in Public Resources Code 5024.1(c). Therefore, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required. The following mitigation measure from the Certified SEIR is applicable to the Project:

MM 5-3 Upon receipt of an application for a proposed project subject to CEQA and within the City's jurisdiction, the City's representative shall consult with the relevant tribe(s)' representative(s) to determine if the proposed project is within a culturally sensitive area to the tribe. If sufficient evidence is provided to reasonably ascertain that the site is within a tribal culturally sensitive area, an archaeologist shall prepare then a cultural resources assessment. The findings of the cultural resources assessment shall be incorporated into the CEQA documentation. A copy of the report shall be forwarded to the tribe(s). If mitigation is recommended in the CEQA document, the procedure described in Mitigation Measure 5-4 shall be

followed.

MM 5-4 Prior to the issuance of grading permits for a proposed project for which the CEQA document defines cultural resource mitigation for potential tribal resources, the project applicant shall contact the designated tribe(s) to notify them of the grading, excavation, and monitoring program. The applicant shall coordinate with the City of Ontario and the tribal representative(s) to develop mitigation measures that address the designation, responsibilities, and participation of tribal monitors during grading, excavation, and ground-disturbing activities; scheduling; terms of compensation; and treatment and final disposition of any cultural resources, sacred sites, and human remains discovered on the site. The City of Ontario shall be the final arbiter of the conditions for projects within the City's jurisdiction.

TCR-1 Tribal Cultural Resources Monitoring. The project archaeologist, in consultation with interested tribes, the developer, and the City of Ontario, shall develop an Archaeological Monitoring Plan (AMP) to address the details, timing, and responsibility of archaeological and cultural activities that will occur on the project site. Details in the AMP shall include:

1. Project-related ground disturbance (including, but not limited to, brush clearing, grading, trenching, etc.) and development scheduling;

2. The development of a rotating or simultaneous schedule in coordination with the developer and the project archeologist for designated Native American Tribal Monitors from the consulting tribes during grading, excavation and ground disturbing activities on the site: including the scheduling, safety requirements, duties, scope of work, and Native American Tribal Monitors' authority to stop and redirect grading activities in coordination with all project archaeologists (if the tribes cannot come to an agreement on the rotating or simultaneous schedule of tribal monitoring, the Native American Heritage Commission shall designate the schedule for the onsite Native American Tribal Monitor for the proposed project);

3. The protocols and stipulations that the developer, City, Tribes, and project archaeologist will follow in the event of inadvertent cultural resources discoveries, including any newly discovered cultural resource deposits that shall be subject to a cultural resources evaluation.

At least 30 days prior to application for a grading permit and before any brush clearance, grading, excavation, and/or ground disturbing activities on the site, the developer shall retain a tribal cultural monitor to monitor all ground-disturbing activities in an effort to identify any unknown archaeological resources.

Pursuant to the AMP, a tribal monitor from the consulting tribe shall be present during the initial grading activities. If tribal resources are found during grubbing activities, the tribal monitoring shall be present during site grading activities.

TCR-2 Treatment and Disposition of Cultural Resources. In the event that Native American cultural resources are inadvertently discovered during the course of any ground-disturbing activities, including but not limited to brush clearance, grading, trenching, etc., for the proposed project, the following procedures will be carried out for treatment and disposition of the discoveries:

1. Temporary Curation and Storage: During the course of construction, all discovered resources shall be temporarily curated in a secure location on-site or at the offices of the project archaeologist. The removal of any artifacts from the project site will need to be thoroughly inventoried with tribal monitor oversight of the process;

2. Treatment and Final Disposition: The landowner(s) shall relinquish ownership of all cultural resources, including sacred items, burial goods, and all archaeological artifacts and nonhuman remains as part of the required mitigation for impacts to cultural resources. The applicant shall relinquish the artifacts through one or more of the following methods and provide the City of Ontario with evidence of same:

    a. Accommodate the process for on-site reburial of the discovered items with the consulting Native American tribes or bands. This shall include measures and provisions to protect the future reburial area from any future impacts. Reburial shall not occur until all cataloging, basic analysis, other analyses as recommended by the project archaeologist and approved by consulting tribes, and basic recordation have been completed; all documentation should be at a level of standard professional practice to allow the writing of a report of professional quality;

    b. A curation agreement with an appropriate qualified repository in San Bernardino County that meets federal standards per 36 CFR Part 79, and therefore the resource would be professionally curated and made available to other archaeologists/researchers for further study. The collections and associated records shall be transferred, including title, to an appropriate curation facility in San Bernardino County, to be accompanied by payment of the fees necessary for permanent curation;

    c. For purposes of conflict resolution, if more than one Native American tribe or band is involved with the project and cannot come to an agreement as to the disposition of cultural materials, materials shall be curated at the San Bernardino County Museum by default;

    d. At the completion of grading, excavation, and ground-disturbing activities on the site, a Phase IV Monitoring Report shall be submitted to the City documenting monitoring activities conducted by the project archaeologist and Native Tribal Monitors within 60 days of completion of grading. This report shall document the impacts to the known resources on the property; describe how each mitigation measure was fulfilled; document the type of cultural resources

recovered and the disposition of such resources; provide evidence of the required cultural sensitivity training for the construction staff held during the required pregrade meeting; and, in a confidential appendix, include the daily/weekly monitoring notes from the archaeologist. All reports produced will be submitted to the City, County Museum, and consulting tribes.

19. UTILITIES AND SERVICE SYSTEMS. Would the project:

a. Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

Summary of Certified SEIR Finding: The Certified SEIR concluded that TOP 2050 would result in an overall increase in the number of residential dwellings and nonresidential square footage. The TOP 2050 has policies in place to require improvements to sewer infrastructure as part of new development and redevelopment projects and has processes in place to ensure that any sewer improvement projects are implemented prior to or during new development. With funding from sewer connection/usage fees and the Capital Improvements Program (CIP) budget, the City would continue to expand and improve the sewer infrastructure to accommodate new development and future growth. Therefore, there would be no significant impacts on wastewater infrastructure.

Due to the increase in demand for potable and recycled water, the City and the IEUA have made plans for infrastructure expansion and improvement. As part of the land development approval process, the City determines a project's fair-share costs and connection fees. Through the use of connection fees and agreements, the City maintains and expands its water distribution system as necessary and is able to ensure that new developments pay their fair-share costs. Therefore, impacts related to water infrastructure expansion and improvement caused by the implementation of TOP 2050 would be less than significant.

Potential future development and the change in land uses could result in an increase in impervious surfaces. Future developments would be required to comply with the City's storm drain policies and the MS4 permit, which would require the preparation of hydrology reports and drainage plans for review and approval by the City to ensure that there are no adverse impacts to the City's storm drain system. Also, the developers would need to prepare a WQMP that addresses stormwater runoff and requires the construction of stormwater treatment facilities for temporary on-site retention of stormwater runoff. These requirements would minimize the amount of stormwater runoff from potential future development. Compliance with the City's policies and programs that ensure adequate infrastructure and the regulatory provisions in the MS4 permit that limit runoff from new development would ensure that implementation of TOP 2050 would not result in significant increases in runoff that would contribute to the construction or expansion of new storm drains beyond what is already planned. Therefore, impacts with respect to stormwater infrastructure would be less than significant.

Discussion of Effects:

Water and Wastewater

The Project would include the installation of water and wastewater lines within the Project site. Water would be accommodated via proposed water lines that would extend from the eastern portion of the building and proposed fire hydrants to an existing 6-inch water main on

South Grove Avenue. Sewer would be accommodated via proposed sewer lines that would extend from the northwestern and northeastern corners of the building to an existing 10-inch sewer main on South Grove Avenue.

Although the Project would result in new water and wastewater line connections, these connections would occur on-site and would be part of the Project's construction phase, which is evaluated throughout this Addendum. The construction of the Project's water and wastewater lines necessary to serve the Project would not result in any significant physical effects on the environment that are not already identified and disclosed as part of this Addendum. Impacts would be less than significant.

Stormwater Drainage

Stormwater will be directed to the on-site underground infiltration/detention system between the parking stalls along the western boundary and the paved loading dock section. The overflow from the underground system will discharge through a proposed parkway drain onto South Grove Avenue. A system of catch basins laid around the site will collect and pre-treat stormwater before it enters the underground system via a network of PVC pipes. The existing drainage pattern of the rear bio-swale will be kept by including a pipe that runs along the west boundary of the site from north to south in order to collect stormwater from the northern property and convey it to the southern property.

Refer to the analysis under Section 10, Hydrology and Water Quality Threshold c.ii, above. As discussed, stormwater runoff would be treated on site and would not require relocation or construction of new or expanded storm water drainage infrastructure which could cause significant environmental effects. Impacts would be less than significant.

Dry Utilities

Electricity will be provided by Southern California Edison. Connections to the existing utility networks are available in the Project area and any offsite improvements would occur within improved rights-of-way, which are inherent to the Project's construction phase and have been evaluated throughout this Addendum. Because the Project site has been previously developed with industrial uses that requires electric power and telecommunication services, implementation of the Project is not anticipated to limit the ability of service providers to provide service to Project. Therefore, the Project would not require or result in the construction or expansion of new facilities, and impacts would be less than significant.

Based on the preceding, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that total water demand associated with TOP 2050 would result in a increase of approximately 6 percent compared to the 2020 Urban Water Management Plan (UWMP). The 2020 UWMP states that there are sufficient water supplies through 2045 to meet projected demands in normal years, single dry years, and multiple dry years through 2045. Although TOP 2050 at buildout is estimated to generate a 6

percent increase in water demand using conservative water demand factors, new State requirements and City policies and code requirements would result in enhanced water efficiency and conservation. Applying these measures would result in total water demand below the projections in the 2020 UWMP for year 2045. Therefore, there would be sufficient water supplies to meet the demand for TOP 2050 buildout. Impacts would be less than significant, and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: OMUC is responsible for supplying potable water to the Project site. The UWMP includes an analysis of water supply reliability projected through 2045 under normal years, single dry year, and multiple dry years. OMUC's total water demand for 2020 was approximately 32,109 AF (OMUC, 2021). As stated above, the City is anticipated to have adequate water supplies to meet all its demands from the implementation of TOP 2050 at buildout until the year 2045 under a normal year, single dry year, and multiple dry years. The Project Applicant would demolish the existing structures and redevelop the site with an approximately 61,867 s.f. s.f. building. The proposed building would be approximately 47,950 s.f. less than the maximum allowed under TOP 2050. Therefore, the Project will result in less development of the site than the Certified SEIR analyzed at buildout (i.e., 61,867 s.f. vs. 109,817 s.f.) and require less water demand. Because the Project Applicant would redevelop the site with a use permitted under the Business Park land use designation, the Project would be consistent with TOP 2050 and UWMP and, therefore, the water demand associated with the Project was considered in the demand anticipated by the Certified SEIR and impacts would be less than significant. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

c. Result in a determination by the wastewater treatment provider that 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?

Summary of Certified SEIR Finding: The Certified SEIR concluded that IEUA has two facilities that serve the City of Ontario: RP-1 and RP-5. The current combined capacity of these two facilities is 60.3 mgd and would increase to 66.5 mgd once the expansion project that is currently under construction at RP-5 is completed. The additional flow rate from implementation of TOP 2050 would not exceed the capacity of the wastewater treatment providers. Therefore, there would be no significant impacts on wastewater collection and treatment. Impacts would be less than significant, and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The Project site is developed with two buildings (an office and a warehouse/maintenance building) and occupied by a telecommunication company with vehicle maintenance operations on-site (southern building) that requires wastewater treatment services. The Project Applicant would demolish the existing structures and redevelop the site with an approximately 61,867 s.f. building. The proposed building would be approximately 47,950 s.f. less than the maximum allowed under TOP 2050. Therefore, the Project will result in less development of the site than the Certified SEIR analyzed at buildout (i.e., 61,867 s.f. vs. 109,817 s.f.). The Project Applicant would redevelop the Project site with a use that is consistent with the site's underlying land use designation; therefore, the wastewater generation associated with the Project was considered in the demand anticipated by the Certified SEIR and the City's Sewer Master Plan and analyzed therein. As such, the IEUA's existing wastewater treatment facilities are

anticipated to have adequate capacity to serve the Project's project demand in addition to its existing commitments. Impacts would be less than significant. Therefore, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that the increase in population under the TOP 2050 would result in more solid waste generation and could impact the capacity of the receiving landfills. TOP 2050 would result in a net increase in solid waste generation at buildout of 45,204 tons/year. This net increase is about 2 percent of the Badlands Sanitary Landfill and the El Sobrante Landfill's excess capacity. Therefore, there is sufficient landfill capacity to serve future development pursuant to the TOP 2050. Therefore, impacts would be less than significant, and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: Solid waste generated during the operation of the Project is anticipated to be collected by the City of Ontario and is anticipated to be hauled to Badlands Sanitary Landfill or El Sobrante Landfill. The Badlands Sanitary Landfill has a permitted disposal capacity of 5,000 tons per day with a remaining capacity of 7,800,000 cubic yards. The Badlands Sanitary Landfill is estimated to reach capacity, at the earliest time, in the year 2059. (CalRecycle, 2023a) The El Sobrante Landfill is permitted to receive 16,054 tons of solid waste per day with a remaining capacity of 143,977,170 ton. The El Sobrante Landfill is estimated to reach capacity, at the earliest time, in the year 2051 (CalRecycle, 2023b).

Based on the generation rate of 1.42 pounds per 100 s.f. per day, the proposed 61,867 s.f. building would result in approximately 879 pounds per day (0.44 tons per day). As previously stated, the Badlands Sanitary Landfill has a permitted disposal capacity of 5,000 tons per day and the El Sobrante Landfill has a permitted disposal capacity of 16,054 tons per day. The Project generated solid waste represents a nominal portion of the landfill's capacity and would not contribute significantly to the daily landfill capacity, and the landfill facilities are sufficient. Accordingly, impacts would be less than significant. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

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

Summary of Certified SEIR Finding: The Certified SEIR concluded that future development pursuant to TOP 2050 would comply with Section 4.408 of the 2019 CALGreen building code, which requires that at least 65 percent of nonhazardous construction and demolition waste from nonresidential construction operations be recycled and/or salvaged for reuse. Development would also comply with AB 341, which mandates recycling for commercial and multifamily residential land uses. Additionally, future businesses that generate organic waste in amounts over a certain threshold would be mandated to recycle organic matter in accordance with AB 1826.

In addition, TOP 2050 policies ER-2.1, ER-2.2, and ER-2.3 describe waste diversion requirements, hazardous and electronic waste disposal, and purchasing of products made from recycled materials that would ensure that the City has a cost-effective integrated waste management system that meets or exceeds state and federal recycling and waste diversion mandates. Therefore, impacts would be less than significant, and TOP 2050 would not result in new or a substantial increase in magnitude of impacts compared to the Certified EIR.

Discussion of Effects: The following federal and state laws and regulations govern solid waste disposal:

- AB 939 (Chapter 1095, Statutes of 1989), the California Integrated Waste Management Act of 1989 required each city, county, and regional agency to develop a source reduction and recycling element of an integrated waste management plan that contained specified components, including a source reduction component, a recycling component, and a composting component. With certain exceptions, the source reduction and recycling components were required to divert 50 percent of all solid waste from landfill disposal or transformation by January 1, 2000, through source reduction, recycling, and composting activities.

- AB 32 (Chapter 488, Statutes of 2006), the California Global Warming Solutions Act, established mandatory recycling as one of the measures to reduce GHG emissions adopted in the Scoping Plan by the California Air Resources Board.

- AB 341 (Chapter 476, Statutes of 2011) requires that all "commercial" generators of solid waste (businesses, institutions, and multifamily dwellings) establish recycling and/or composting programs. AB 341 goes beyond AB 939 and establishes the new recycling goal of 75 percent by 2020.

The Project would implement the requirements of the City's Integrated Waste Department's Refuse & Recycling Planning Manual on refuse and recycling storage and access for service, as well as addressing the City's recycling goals. The requirements of Chapter 3, Integrated Waste Management, of the Municipal Code will also be implemented to ensure that the Project complies with all applicable state and federal laws. Therefore, no impacts are anticipated. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

20. WILDFIRE.

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

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

b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread

of a wildfire?

c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

Summary of Certified SEIR Finding: The Certified SEIR concluded that substantial improvements in transportation infrastructure planned to accommodate the increase in population in the City in the event of an emergency. Additionally, a review of emergency access is included as part of the City's Design Review process. According to the City's LHMP, interstate highways would serve as major emergency response and evacuation routes. Additionally, the Ontario Fire Department reviews development applications to ensure that adequate emergency accessibility is provided based on local and state guidance. Therefore, impacts related to emergency access would be less than significant.

Moreover, the City is located outside of a State Responsibility Area (SRA) and California Department of Forestry and Fire Protection (CAL FIRE) has determined that the City contains no areas subject to very high wildfire risk. However, the City recognizes that even though fuel loading is light in Ontario and fire risk comes primarily from urban fires, not wildfires, there is some risk related to wildfires. With adherence to the building practices in the CAL FIRE's 2019 Strategic Fire Plan for California, the California Fire Code, County of San Bernardino Multi-Jurisdictional Hazard Mitigation Plan, and City's LHMP, development and infrastructure associated with TOP 2050 would not exacerbate risk or result in post-wildfire hazards.

Discussion of Effects: As concluded in the Certified SEIR, the City is not located with a SRA. According to the California Department of Forestry and Fire Protection's fire hazard map for the Local Responsibility Area (LRA), the Project site is not within a Very High Fire Hazard Severity Zone (CAL FIRE, 2008). Therefore, no impact would occur. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

21. MANDATORY FINDINGS OF SIGNIFICANCE.

a. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat or 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?

Summary of Certified SEIR Finding: The Certified SEIR concluded that TOP 2050 would result in less-than-significant impacts to sensitive plant and animal species as well as habitats. Additionally, the Certified SEIR concluded that, with mitigation, TOP 2050 would result in significant and unavoidable impacts to Tier III historical resources.

Discussion of Effects: The Project site is in a highly urbanized area of the City that is already Developed with industrial uses. As discussed in the Biological Resources Section of this Addendum, potentially significant biological impacts are not anticipated because the Project site is developed and there are no rare or endangered plants or animal species within the Project site. Additionally, as indicated in the Cultural Resources section, the Project site is not included on the National Register of Historic Places, California Register of Historical Resources, or a local register of historical resources, nor is it eligible for listing. Therefore, no impacts are anticipated. The Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary.

Mitigation: No additional mitigation required.

f. 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.)

Summary of Certified SEIR Finding: The Certified SEIR addressed cumulative impacts for each of the environmental topics evaluated. The Certified SEIR concluded that TOP 2050 would result in significant and unavoidable cumulative impacts regarding air quality, cultural resources (Historic), noise, and transportation (VMT).

Discussion of Effects: As identified through the analysis presented in this Addendum, with the implementation of Project-specific mitigation measures identified herein, the Project would not result in any new, increased or substantially different impacts, other than those previously considered and addressed in the Certified SEIR. No changes or additions to the Certified SEIR analyses are necessary. Therefore, there is no potential for the Project to result in cumulatively considerable effects to the environment beyond those previously disclosed in the Certified SEIR (and already disclosed throughout this analysis), and instead, the Project's impacts are generally less than the impacts assumed and analyzed in the Certified SEIR.

Mitigation: No additional mitigation required.

g. Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?

Summary of Certified SEIR Finding: The Certified SEIR concluded that with the implementation of the recommended TOP Mitigation Measures, compliance with existing laws, plans and regulations, and the various TOP Implementation Actions outlined in the Project Description, TOP 2050 does not have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly.

Discussion of Effects: The Project's potential to result in environmental effects that could adversely affect human beings, either directly or indirectly, has been discussed throughout this Addendum. The Project would result in less than significant impacts related to air quality and associated effects on human health from air pollutants, GHG emissions, and noise. Additionally, with mandatory regulatory compliance, potential hazardous materials impacts associated with long-term operation of the Project is not expected to pose a significant hazard to the public or environment through the routine transport, use, or disposal of hazardous materials, nor would the Project increase the potential for accident operations which could result in the release of hazardous materials into the environment. Implementation of the Project would not result in

environmental effects that would cause substantial adverse effects on human beings, either directly or indirectly, beyond those disclosed in the Certified SEIR, and instead, the Project's impacts are generally less than the impacts assumed by the Certified SEIR.

Mitigation: No additional mitigation required.

EARLIER ANALYZES

(Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, one or more effects have been adequately analyzed in an earlier EIR or Negative Declaration. Section 15063(c)(3)(D)):

1) Earlier Analyzes Used. Identify earlier analyzes used and state where they are available for review.

a) The Ontario Plan Final Environmental Impact Report

b) The Ontario Plan/Policy Plan

c) City of Ontario Zoning

All documents listed above are on file with the City of Ontario Planning Department, 303 East "B" Street, Ontario, California 91764, (909) 395-2036.

2) 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.

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MEMORANDUM

URBAN | CROSSROADS

DATE: June 8, 2023
TO: Nicole Morse, T&B Planning, Inc.
FROM: Haseeb Qureshi
Ali Dadabhoy
Shannon Wong
JOB NO: 15067-02 AQ & GHG Assessment

FIRST GROVE AIR QUALITY & GREENHOUSE GAS ASSESSMENT

Nicole Morse,

Urban Crossroads, Inc. is pleased to provide the following Air Quality & Greenhouse Gas Assessment for the First Grove (**Project**), which is located north of E. Philadelphia Street and west of S. Grove Ave in the City of Ontario.

PROJECT OVERVIEW

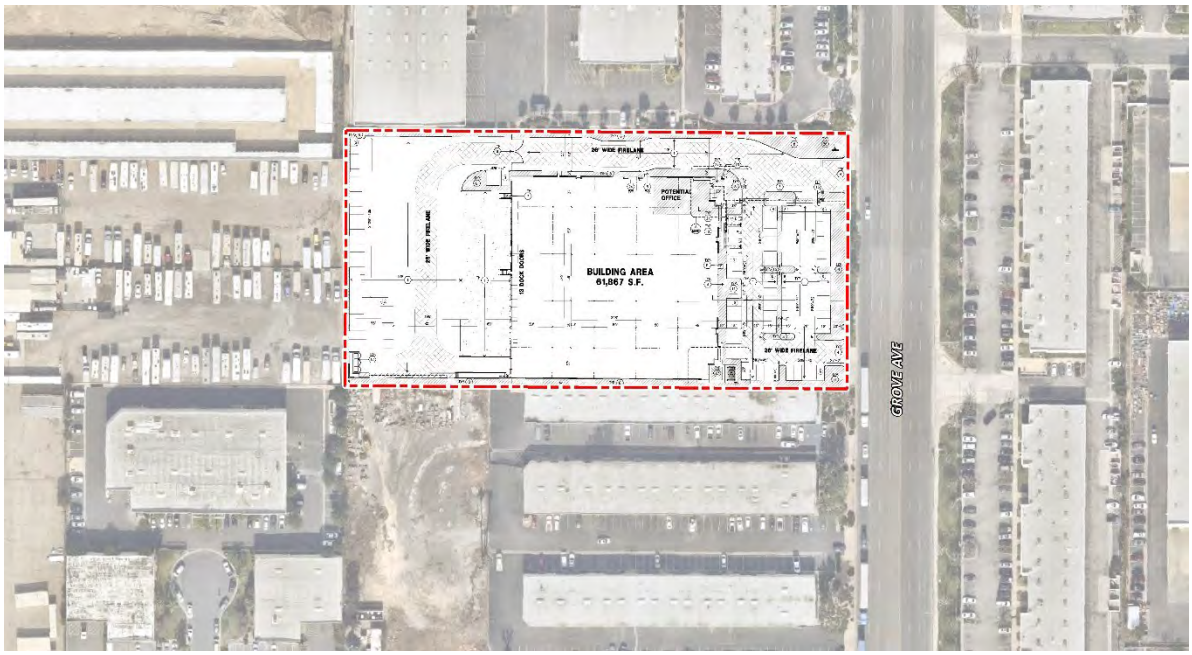
It is our understanding that the Project is to consist of a 61,867 square foot industrial warehouse building on 4.20 acres (see Exhibit 1).

The Project site land use is currently designated as Business Park under The Ontario Plan (**TOP**) 2050. The currently adopted General Plan Business Park land use allows for the development of up to 109,817 square feet of business park use, calculated using a floor-to-area ratio (**FAR**) of 0.60. The Business Park land use designation is defined as "employee-intensive office uses including corporate offices, technology centers, research and development, "clean" industry, light manufacturing, and supporting retail within a business park setting."

SUMMARY OF FINDINGS

Results of the assessment indicate that the Project would result in a less than significant with respect to air quality and greenhouse gases.

EXHIBIT 1: SITE PLAN



PROJECT AIR QUALITY IMPACTS

AIR QUALITY SETTING

SOUTH COAST AIR BASIN (SCAB)

The Project site is located in the SCAB within the jurisdiction of South Coast Air Quality Management District (SCAQMD) (1). The SCAQMD was created by the 1977 Lewis-Presley Air Quality Management Act, which merged four county air pollution control bodies into one regional district. Under the Act, the SCAQMD is responsible for bringing air quality in areas under its jurisdiction into conformity with federal and state air quality standards. As previously stated, the Project site is located within the SCAB, a 6,745-square mile subregion of the SCAQMD, which includes portions of Los Angeles, Riverside, and San Bernardino Counties, and all of Orange County.

The SCAB is bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east. The Los Angeles County portion of the Mojave Desert Air Basin is bounded by the San Gabriel Mountains to the south and west, the Los Angeles / Kern County border to the north, and the Los Angeles / San Bernardino County border to the east. The Riverside County portion of the Salton Sea Air Basin is bounded by the San Jacinto Mountains in the west and spans eastward up to the Palo Verde Valley.

Regional Climate

The regional climate has a substantial influence on air quality in the SCAB. In addition, the temperature, wind, humidity, precipitation, and amount of sunshine influence the air quality.

The annual average temperatures throughout the SCAB vary from the low to middle 60s degrees Fahrenheit (°F). Due to a decreased marine influence, the eastern portion of the SCAB shows greater variability in average annual minimum and maximum temperatures. January is the coldest month throughout the SCAB, with average minimum temperatures of 47°F in downtown Los Angeles and 36°F in San Bernardino. All portions of the SCAB have recorded maximum temperatures above 100°F.

Although the climate of the SCAB can be characterized as semi-arid, the air near the land surface is quite moist on most days because of the presence of a marine layer. This shallow layer of sea air is an important modifier of SCAB climate. Humidity restricts visibility in the SCAB, and the conversion of sulfur dioxide (SO_2) to sulfates (SO_4) is heightened in air with high relative humidity. The marine layer provides an environment for that conversion process, especially during the spring and summer months. The annual average relative humidity within the SCAB is 71 percent (%) along the coast and 59% inland. Since the ocean effect is dominant, periods of heavy early morning fog are frequent and low stratus clouds are a characteristic feature. These effects decrease with distance from the coast.

More than 90% of the SCAB's rainfall occurs from November through April. The annual average rainfall varies from approximately nine inches in Riverside to fourteen inches in downtown Los Angeles. Monthly and yearly rainfall totals are extremely variable. Summer rainfall usually consists of widely scattered thunderstorms near the coast and slightly heavier shower activity in the eastern portion of the SCAB with frequency being higher near the coast.

Due to its generally clear weather, about three-quarters of available sunshine is received in the SCAB. The remaining one-quarter is absorbed by clouds. The ultraviolet portion of this abundant radiation is a key factor in photochemical reactions. On the shortest day of the year there are approximately 10 hours of possible sunshine, and on the longest day of the year there are approximately 14½ hours of possible sunshine.

The importance of wind to air pollution is considerable. The direction and speed of the wind determines the horizontal dispersion and transport of the air pollutants. During the late autumn to early spring rainy season, the SCAB is subjected to wind flows associated with the traveling storms moving through the region from the northwest. This period also brings five to ten periods of strong, dry offshore winds, locally termed "Santa Anas" each year. During the dry season, which coincides with the months of maximum photochemical smog concentrations, the wind flow is bimodal, typified by a daytime onshore sea breeze and a nighttime offshore drainage wind. Summer wind flows are created by the pressure differences between the relatively cold ocean and the unevenly heated and cooled land surfaces that modify the general northwesterly wind circulation over southern California. Nighttime drainage begins with the radiational cooling of the mountain slopes. Heavy, cool air descends the slopes and flows through the mountain passes and canyons as it follows the lowering terrain toward the ocean. Another characteristic wind regime in the SCAB is the "Catalina Eddy," a low level cyclonic (counterclockwise) flow centered over Santa Catalina Island which results in an offshore flow to the southwest. On most spring and summer days, some indication of an eddy is apparent in coastal sections.

In the SCAB, there are two distinct temperature inversion structures that control vertical mixing of air pollution. During the summer, warm high-pressure descending (subsiding) air is undercut by a shallow layer of cool marine air. The boundary between these two layers of air is a persistent

marine subsidence/inversion. This boundary prevents vertical mixing which effectively acts as an impervious lid to pollutants over the entire SCAB. The mixing height for the inversion structure is normally situated 1,000 to 1,500 feet above mean sea level.

A second inversion-type forms in conjunction with the drainage of cool air off the surrounding mountains at night followed by the seaward drift of this pool of cool air. The top of this layer forms a sharp boundary with the warmer air aloft and creates nocturnal radiation inversions. These inversions occur primarily in the winter when nights are longer and onshore flow is weakest. They are typically only a few hundred feet above mean sea level. These inversions effectively trap pollutants, such as nitrogen oxides (NO_X) and carbon monoxide (CO) from vehicles, as the pool of cool air drifts seaward. Winter is therefore a period of high levels of primary pollutants along the coastline.

Wind Patterns and Project Location

The distinctive climate of the Project area and the SCAB is determined by its terrain and geographical location. The SCAB is located in a coastal plain with connecting broad valleys and low hills, bounded by the Pacific Ocean in the southwest quadrant with high mountains forming the remainder of the perimeter.

Wind patterns across the south coastal region are characterized by westerly and southwesterly onshore winds during the day and easterly or northeasterly breezes at night. Winds are characteristically light although the speed is somewhat greater during the dry summer months than during the rainy winter season.

Criteria Pollutants

Both the U.S. Environmental Protection Agency (EPA) and the California Air Resources Board (CARB) have established ambient air quality standards for common pollutants. These ambient air quality standards are levels of contaminants representing safe levels that avoid specific adverse health effects associated with each pollutant. The ambient air quality standards cover what are called "criteria" pollutants because the health and other effects of each pollutant are described in criteria documents. The six criteria pollutants are ozone (O_3) (precursor emissions include NO_X and reactive organic gases (ROG), CO, particulate matter (PM), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), and lead. Areas that meet ambient air quality standards are classified as attainment areas, while areas that do not meet these standards are classified as nonattainment areas. The Riverside County portion of the SCAB is designated as a nonattainment area for the federal O_3 and $PM_{2.5}$ standards and is also a nonattainment area for the state standards for O_3, PM_{10}, and $PM_{2.5}$.

Toxic Air Contaminants (TAC) Trend

In 1984, as a result of public concern for exposure to airborne carcinogens, CARB adopted regulations to reduce the amount of TAC emissions resulting from mobile and area sources, such as cars, trucks, stationary products, and consumer products. According to the Ambient and Emission Trends of Toxic Air Contaminants in California journal article (2) which was prepared for CARB, results show that between 1990-2012, ambient concentration and emission trends for the seven TACs responsible for most of the known cancer risk associated with airborne exposure in California have declined significantly (between 1990 and 2012). The seven TACs studied include those that are derived from mobile sources: diesel particulate matter (DPM), benzene (C_6H_6), and

1,3-butadiene (C_4H_6); those that are derived from stationary sources: perchloroethylene (C_2Cl_4) and hexavalent chromium (Cr(VI)); and those derived from photochemical reactions of emitted VOCs: formaldehyde (CH_2O) and acetaldehyde (C_2H_4O)[1]. The decline in ambient concentration and emission trends of these TACs are a result of various regulations CARB has implemented to address cancer risk.

Some people are especially sensitive to air pollution and are given special consideration when evaluating air quality impacts from projects. These groups of people include children, the elderly, and individuals with pre-existing respiratory or cardiovascular illness. Structures that house these persons or places where they gather are defined as "sensitive receptors". These structures typically include uses such as residences, hotels, and hospitals where an individual can remain for 24 hours. Consistent with the LST Methodology, the nearest land use where an individual could remain for 24 hours to the Project site has been used to determine construction and operational air quality impacts for emissions of PM_{10} and $PM_{2.5}$, since PM_{10} and $PM_{2.5}$ thresholds are based on a 24-hour averaging time.

Receptors in the Project study area are described below. All distances are measured from the Project site boundary to the outdoor living areas (e.g., backyards) or at the building façade, whichever is closer to the Project site. Receptors in the Project study area are shown on Exhibit 2 under the Localized Construction Emissions section later in the report.

- Receptor R1 represents the existing residence at 2125 S Cucamonga Ave, approximately 596 feet southwest of the Project site.
- Receptor R2 represents Home of the Christian-Bethel Church at 1147 E Philadelphia St, approximately 439 feet south of the Project site.
- Receptor R3 represents the existing residence at 1456 E Philadelphia St, approximately 824 feet southeast of the Project site.
- Receptor R4 represents The Grove Apartments at 1110 E Philadelphia St, approximately 756 feet south of the Project site.
- Receptor R5 represents Bon View Elementary at 2121 S Bon View Ave, approximately 1,521 feet west of the Project site.
- Receptor R6 represents Tech Industrial Machine Corp at 2124 S Grove Ave Unit J, adjacent south of the Project site.

REGULATORY BACKGROUND

FEDERAL REGULATIONS

The EPA is responsible for setting and enforcing the national ambient air quality standards (NAAQS) for O_3, CO, NO_X, SO_2, PM_{10}, and lead (Pb) (3). The EPA has jurisdiction over emissions sources that are under the authority of the federal government including aircraft, locomotives,

[1] It should be noted that ambient DPM concentrations are not measured directly. Rather, a surrogate method using the coefficient of haze (COH) and elemental carbon (EC) is used to estimate DPM concentrations.

and emissions sources outside state waters (Outer Continental Shelf). The EPA also establishes emission standards for vehicles sold in states other than California. Automobiles sold in California must meet the stricter emission requirements of CARB.

The Federal Clean Air Act (CAA) was first enacted in 1955 and has been amended numerous times in subsequent years (1963, 1965, 1967, 1970, 1977, and 1990). The CAA establishes the federal air quality standards, the NAAQS, and specifies future dates for achieving compliance (4). The CAA also mandates that each state submit and implement state implementation plans (SIPs) for local areas not meeting these standards. These plans must include pollution control measures that demonstrate how the standards will be met.

The 1990 amendments to the CAA that identify specific emission reduction goals for areas not meeting the NAAQS require a demonstration of reasonable further progress toward attainment and incorporate additional sanctions for failure to attain or to meet interim milestones. The sections of the CAA most directly applicable to the development of the Project site include Title I (Non-Attainment Provisions) and Title II (Mobile Source Provisions) (5) (6). Title I provisions were established with the goal of attaining the NAAQS for the following criteria pollutants O_3, NO_2, SO_2, PM_{10}, CO, $PM_{2.5}$, and Pb. The NAAQS were amended in July 1997 to include an additional standard for O_3 and to adopt a NAAQS for $PM_{2.5}$.

Mobile source emissions are regulated in accordance with Title II provisions. These provisions require the use of cleaner burning gasoline and other cleaner burning fuels such as methanol and natural gas. Automobile manufacturers are also required to reduce tailpipe emissions of hydrocarbons and NO_X. NO_X is a collective term that includes all forms of NO_X which are emitted as byproducts of the combustion process.

CALIFORNIA REGULATIONS

CARB

The CARB, which became part of the California EPA (CalEPA) in 1991, is responsible for ensuring implementation of the California Clean Air Act (AB 2595), responding to the federal CAA, and for regulating emissions from consumer products and motor vehicles. AB 2595 mandates achievement of the maximum degree of emissions reductions possible from vehicular and other mobile sources in order to attain the state ambient air quality standards by the earliest practical date. The CARB established the California ambient air quality standards (CAAQS) for all pollutants for which the federal government has NAAQS and, in addition, establishes standards for SO_4, visibility, hydrogen sulfide (H_2S), and vinyl chloride (C_2H_3Cl). However, at this time, H_2S and C_2H_3Cl are not measured at any monitoring stations in the SCAB because they are not considered to be a regional air quality problem. Generally, the CAAQS are more stringent than the NAAQS (7) (8).

Local air quality management districts, such as the SCAQMD, regulate air emissions from stationary sources such as commercial and industrial facilities. All air pollution control districts have been formally designated as attainment or non-attainment for each CAAQS.

Serious non-attainment areas are required to prepare Air Quality Management Plans (AQMP) that include specified emission reduction strategies in an effort to meet clean air goals. These plans are required to include:

- Application of Best Available Retrofit Control Technology to existing sources;
- Developing control programs for area sources (e.g., architectural coatings and solvents) and indirect sources (e.g. motor vehicle use generated by residential and commercial development);
- A District permitting system designed to allow no net increase in emissions from any new or modified permitted sources of emissions;
- Implementing reasonably available transportation control measures and assuring a substantial reduction in growth rate of vehicle trips and miles traveled;
- Significant use of low emissions vehicles by fleet operators;
- Sufficient control strategies to achieve a 5% or more annual reduction in emissions or 15% or more in a period of three years for ROGs, NO_X, CO and PM_{10}. However, air basins may use alternative emission reduction strategy that achieves a reduction of less than 5% per year under certain circumstances.

AQMP

Currently, the NAAQS and CAAQS are exceeded in most parts of the SCAB. In response, the SCAQMD has adopted a series of AQMP to meet the state and federal ambient air quality standards (9). AQMPs are updated regularly in order to more effectively reduce emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy.

APPLICABLE REGULATORY REQUIRMENTS

SCAQMD Rules that are currently applicable during construction activity for this Project include but are not limited to Rule 403 (Fugitive Dust) and Rule 1113 (Architectural Coatings) (10) (11).

SCAQMD Rule 403

This rule is intended to reduce the amount of particulate matter entrained in the ambient air as a result of anthropogenic (human-made) fugitive dust sources by requiring actions to prevent and reduce fugitive dust emissions. Rule 403 applies to any activity or human-made condition capable of generating fugitive dust and requires best available control measures to be applied to earth moving and grading activities. This rule is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. PM_{10} suppression techniques are summarized below.

- Portions of a construction site to remain inactive longer than a period of three months will be seeded and watered until grass cover is grown or otherwise stabilized.
- All onsite roads will be paved as soon as feasible or watered periodically or chemically stabilized.
- All material transported offsite will be either sufficiently watered or securely covered to prevent excessive amounts of dust.
- The area disturbed by clearing, grading, earthmoving, or excavation operations will be minimized at all times.

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

SCAQMD Rule 1113

This rule serves to limit the volatile organic compound (VOC) content of architectural coatings used on projects in the SCAQMD. Any person who supplies, sells, offers for sale, or manufactures any architectural coating for use on projects in the SCAQMD must comply with the current VOC standards set in this rule.

METHODOLOGY

In May 2022, the California Air Pollution Control Officers Association (CAPCOA) in conjunction with other California air districts, including SCAQMD, released the latest version of the CalEEMod Version 2022.1. The purpose of this model is to calculate construction-source and operational-source criteria pollutant (VOCs, NO_X, SO_X, CO, PM_{10}, and $PM_{2.5}$) and GHG emissions from direct and indirect sources; and quantify applicable air quality and GHG reductions achieved from mitigation measures (12). Accordingly, the latest version of CalEEMod has been used for this Project to determine construction and operational air quality and greenhouse gas emissions.

Standards of Significance

The criteria used to determine the significance of potential Project-related air quality impacts are taken from the California Environmental Quality Act Guidelines (CEQA Guidelines) (14 CCR §§15000, et seq.). Based on these thresholds, a project would result in a significant impact related to air quality if it would (13):

- **Threshold 1**: Conflict with or obstruct implementation of the applicable air quality plan.
- **Threshold 2**: Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality standard.
- **Threshold 3**: Expose sensitive receptors to substantial pollutant concentrations.
- **Threshold 4**: Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

AIR QUALITY REGIONAL EMISSIONS THRESHOLDS

The SCAQMD has developed regional significance thresholds for criteria pollutants, as summarized at Table 1 (14). The SCAQMD's CEQA Air Quality Significance Thresholds (April 2019) indicate that any projects in the South Coast Air Basin (SCAB) with daily emissions that exceed any of the indicated thresholds should be considered as having an individually and cumulatively significant air quality impact.

TABLE 1: MAXIMUM DAILY REGIONAL EMISSIONS THRESHOLDS

Pollutant	Construction	Operations
NO_X	100 lbs/day	55 lbs/day
VOC	75 lbs/day	55 lbs/day
PM_{10}	150 lbs/day	150 lbs/day
$PM_{2.5}$	55 lbs/day	55 lbs/day
SO_X	150 lbs/day	150 lbs/day
CO	550 lbs/day	550 lbs/day

lbs/day – Pounds Per Day

AIR QUALITY LOCALIZED EMISSIONS THRESHOLDS

For this Project, the appropriate SRA for the LST analysis is the SCAQMD Southwest San Bernardino Valley monitoring station (SRA 33). LSTs apply to CO, NO_2, PM_{10}, and $PM_{2.5}$. The SCAQMD produced look-up tables for projects less than or equal to 5 acres in size. The SCAQMD's screening look-up tables are utilized in determining localized impacts. It should be noted that since the look-up tables identify thresholds at only 1 acre, 2 acres, and 5 acres, linear regression has been utilized to determine localized significance thresholds. Consistent with SCAQMD guidance, the thresholds presented in Table 2 were calculated by interpolating the threshold values for the Project's disturbed acreage.

The acres disturbed is based on the equipment list and days in the demolition, site preparation, and grading phase according to the anticipated maximum number of acres a given piece of equipment can pass over in an 8-hour workday. The equipment-specific grading rates are summarized in the CalEEMod user's guide, Appendix A: Calculation Details for CalEEMod (15). It should be noted that the disturbed area per day is representative of a piece of equipment making multiple passes over the same land area. In other words, one Rubber Tired Dozer can make multiple passes over the same land area totaling 0.5 acres in a given 8-hour day. Appendix A of the CalEEMod User Manual only identifies equipment-specific grading rates for Crawler Tractors, Graders, Rubber Tired Dozers, and Scrapers; therefore, Tractors/Loaders/Backhoes equipment that was included in the demolition, site preparation and grading phase was replaced with Crawler Tractors. For analytical purposes, emissions associated with peak site demolition, preparation, and grading activities are considered for purposes of localized significance thresholds (LSTs) since this phase represents the maximum localized emissions that would occur. The Project's construction activities could disturb a maximum of approximately 1 acre per day for demolition, 3.5 acres per day for site preparation and 4 acres per day for grading activities. Any other construction phases of development would result in lesser emissions and consequently lesser impacts than what is disclosed herein. As such, Table 2 presents thresholds for localized construction and operational emissions.

TABLE 2: MAXIMUM DAILY LOCALIZED EMISSIONS THRESHOLDS

Source	Activity	Emissions (lbs/day)			
		VOC	NO_X	PM_{10}	$PM_{2.5}$
Construction	Demolition	118 lbs/day	863 lbs/day	92 lbs/day	28 lbs/day
	Site Preparation	220 lbs/day	1,713 lbs/day	95 lbs/day	36 lbs/day
	Grading	237 lbs/day	1,873 lbs/day	106 lbs/day	38 lbs/day
Operations	N/A	270 lbs/day	2,193 lbs/day	31 lbs/day	10 lbs/day

[1]Source of localized significance threshold (LSTs) is provided on page 20.

CONSTRUCTION ACTIVITIES

Construction activities associated with the Project would result in emissions of VOCs, NO_X, SO_X, CO, PM_{10}, and $PM_{2.5}$. Construction related emissions are expected from the following construction activities:

- Demolition
- Site Preparation
- Grading (Import/Export)
- Building Construction
- Paving
- Architectural Coating

DEMOLITION ACTIVITIES

The Project site has existing uses that are currently active by a telecommunication company with vehicle maintenance operations on-site which will be demolished, resulting in approximately 25,000 square feet of demolished material.

GRADING ACTIVITIES

Dust is typically a major concern during grading activities. Because such emissions are not amenable to collection and discharge through a controlled source, they are called "fugitive emissions". Fugitive dust emissions rates vary as a function of many parameters (soil silt, soil moisture, wind speed, area disturbed, number of vehicles, depth of disturbance or excavation, etc.). CalEEMod was utilized to calculate fugitive dust emissions resulting from this phase of activity. Per client provided data, this analysis assumes that earthwork activities are expected to balance on site and no import or export of soils would be required. The CalEEMod default trip length of 20-miles will be used to analyze the emissions associated with export activities.

ON-ROAD TRIPS

Construction generates on-road vehicle emissions from vehicle usage for workers, vendors, and haul trucks commuting to and from the site. Worker and hauling trips are based on CalEEMod defaults. It should be noted that for vendor trips, specifically, CalEEMod only assigns vendor trips to the Building Construction phase. Vendor trips would likely occur during all phases of construction. As such, the CalEEMod defaults for vendor trips have been adjusted based on a ratio of the total vendor trips to the number of days of each subphase of activity.

CONSTRUCTION DURATION

For purposes of analysis, construction of Project is expected to commence in August 2024 and would last through August 2025. The construction schedule utilized in the analysis represents a "worst-case" analysis scenario should construction occur any time after the respective dates since emission factors for construction decrease as time passes and the analysis year increases due to emission regulations becoming more stringent[2]. The duration of construction activity and associated equipment represents a reasonable approximation of the expected construction fleet as required per CEQA Guidelines (16).

CONSTRUCTION EQUIPMENT

CalEEMod default parameters for equipment has been used. Consistent with industry standards and typical construction practices, each piece of equipment will operate up to a total of eight (8) hours per day, or more than two-thirds of the period during which construction activities are allowed pursuant to the code.

REGIONAL CONSTRUCTION EMISSIONS SUMMARY

The estimated maximum daily construction emissions are summarized on Table 3, and as shown, the Project construction-source emissions would not exceed SCAQMD regional thresholds. Thus, the Project would result in a less than significant impact associated with construction activities. Detailed construction model outputs are presented in Attachment A.

[2] As shown in the CalEEMod User's Guide Version 2022.1, Section 4.3 "Off-Road Equipment" as the analysis year increases, emission factors for the same equipment pieces decrease due to the natural turnover of older equipment being replaced by newer less polluting equipment and new regulatory requirements.

TABLE 3: REGIONAL CONSTRUCTION EMISSIONS SUMMARY

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Summer						
2024	3.74	36.04	34.41	0.06	7.49	4.21
2025	13.45	20.42	29.39	0.04	1.53	0.95
Winter						
2024	3.62	34.44	31.47	0.06	4.39	2.38
2025	1.33	11.73	15.82	0.03	0.88	0.53
Maximum Daily Emissions	**13.45**	**36.04**	**34.41**	**0.06**	**7.49**	**4.21**
SCAQMD Regional Threshold	75	100	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

[1]PM_{10} and $PM_{2.5}$ source emissions reflect 3x daily watering per SCAQMD Rule 403 for fugitive dust.

REGIONAL OPERATIONAL EMISSIONS

Operational activities associated with the Project would result in emissions of VOCs, NO_X, CO, SO_X, PM_{10}, and $PM_{2.5}$. Operational related emissions are expected from the following primary sources: area source emissions, energy source emissions, and mobile source emissions.

The Project related operational air quality impacts derive primarily from vehicle trips generated by the Project. Trip characteristics available from the *First Grove Addendum Trip Generation Assessment* were utilized in this analysis (17).

To determine emissions from trucks for the proposed industrial uses, the analysis incorporated the SCAQMD recommended truck trip length 15.3 miles for 2-axle (LHDT1, LHDT2) trucks, 14.2 miles 3-axle (MHDT) trucks and 39.9 miles for 4+-axle (HHDT) trucks and weighting the average trip lengths using the traffic trip percentages taken from the *First Grove Addendum Trip Generation Assessment* (17). The trip length function for trucks in CalEEMod has been revised to 28.72 miles, with an assumption of 100% primary trips for the proposed industrial land uses. This trip length assumption is higher than the CalEEMod defaults for trucks.

It is common for warehouse buildings to require the operation of exterior yard trucks or cargo handling equipment (CHE) to move empty containers and empty chassis in the building's truck court areas. The cargo handling equipment is assumed to have a horsepower (hp) range of approximately 175 hp to 200 hp. Based on the latest available information from SCAQMD (18); for example, warehouse projects typically have 3.6-yard trucks/CHE per million square feet of building space. For this Project, on-site modeled operational equipment conservatively includes

up to one (1) 200 horsepower (hp), compressed natural gas or gasoline-powered tractors/loaders/backhoes operating at 4 hours a day[3] for 365 days of the year.

The estimated operation-source emissions from the Project are summarized on Table 4. Detailed operation model outputs are presented in Attachment B. As shown on Table 4, operational-source emissions would not exceed the applicable SCAQMD regional thresholds for emissions of any criteria pollutant.

TABLE 4: TOTAL PROJECT REGIONAL OPERATIONAL EMISSIONS

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Summer						
Mobile Source	1.09	2.02	11.03	0.03	1.01	0.21
Area Source	1.86	0.02	2.69	0.00	0.00	0.00
Energy Source	0.03	0.46	0.38	0.00	0.03	0.03
On-site Equipment Source	0.12	0.38	16.44	0.00	0.03	0.03
Total Maximum Daily Emissions	**3.09**	**2.88**	**30.55**	**0.04**	**1.08**	**0.28**
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO
Winter						
Mobile Source	1.03	2.15	9.30	0.03	1.01	0.21
Area Source	1.42	0.00	0.00	0.00	0.00	0.00
Energy Source	0.03	0.46	0.38	0.00	0.03	0.03
On-site Equipment Source	0.12	0.38	16.44	0.00	0.03	0.03
Total Maximum Daily Emissions	**2.59**	**2.98**	**26.13**	**0.03**	**1.08**	**0.27**
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

THE ONTARIO PLAN (TOP) 2050

The Ontario Plan (**TOP**) 2050 Environmental Impact Report (**EIR**) (August 2022) designates the Project site as Business Park uses. Per the adopted TOP 2050, the Project site could be developed with up to 109,817 square feet of industrial use (assuming a 4.2-acre site and a floor-to-area-ratio of 0.60). The estimated operation-source emissions based on the TOP 2050 adopted Industrial land use designation are summarized on Table 5. Detailed operation model outputs for the TOP 2050 adopted Industrial land use designation are presented in Attachment D.

[3] Based on Table II-3, Port and Rail Cargo Handling Equipment Demographics by Type, from CARB's Technology Assessment: Mobile Cargo Handling Equipment document, a single piece of equipment could operate up to 2 hours per day (Total Average Annual Activity divided by Total Number Pieces of Equipment). As such, the analysis conservatively assumes that the tractor/loader/backhoes would operate up to 4 hours per day.

The Project related operational air quality impacts derive primarily from vehicle trips generated by the Project. Trip characteristics available from the *First Grove Addendum Trip Generation Assessment* were utilized in this analysis (17).

To determine emissions from trucks for the TOP 2050 industrial uses, the analysis incorporated the SCAQMD recommended truck trip length 15.3 miles for 2-axle (LHDT1, LHDT2) trucks, 14.2 miles 3-axle (MHDT) trucks and 39.9 miles for 4+-axle (HHDT) trucks and weighting the average trip lengths using the traffic trip percentages taken from the *First Grove Addendum Trip Generation Assessment* (17). The trip length function for trucks in CalEEMod has been revised to 29.84 miles, with an assumption of 100% primary trips for the TOP 2050 industrial land uses. This trip length assumption is higher than the CalEEMod defaults for trucks.

It is common for warehouse buildings to require the operation of exterior yard trucks or cargo handling equipment (CHE) to move empty containers and empty chassis in the building's truck court areas. The cargo handling equipment is assumed to have a horsepower (hp) range of approximately 175 hp to 200 hp. Based on the latest available information from SCAQMD (18); for example, warehouse projects typically have 3.6-yard trucks/CHE per million square feet of building space. For the TOP 2050 land use, on-site modeled operational equipment conservatively includes up to one (1) 200 horsepower (hp), compressed natural gas or gasoline-powered tractors/loaders/backhoes operating at 4 hours a day[4] for 365 days of the year.

TABLE 5: TOP 2050 REGIONAL OPERATIONAL EMISSIONS

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Summer						
Mobile Source	2.13	4.10	22.43	0.06	1.80	0.38
Area Source	3.28	0.04	4.77	0.00	0.01	0.01
Energy Source	0.04	0.81	0.68	0.00	0.06	0.06
On-site Equipment Source	0.12	0.38	16.44	0.00	0.03	0.03
Total Maximum Daily Emissions	**5.57**	**5.33**	**44.33**	**0.07**	**1.89**	**0.47**
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**

[4] Based on Table II-3, Port and Rail Cargo Handling Equipment Demographics by Type, from CARB's Technology Assessment: Mobile Cargo Handling Equipment document, a single piece of equipment could operate up to 2 hours per day (Total Average Annual Activity divided by Total Number Pieces of Equipment). As such, the analysis conservatively assumes that the tractor/loader/backhoes would operate up to 4 hours per day.

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Winter						
Mobile Source	2.01	4.36	18.84	0.06	1.80	0.38
Area Source	2.50	0.00	0.00	0.00	0.00	0.00
Energy Source	0.04	0.81	0.68	0.00	0.06	0.06
On-site Equipment Source	0.12	0.38	16.44	0.00	0.03	0.03
Total Maximum Daily Emissions	**4.67**	**5.54**	**35.97**	**0.06**	**1.89**	**0.47**
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**

PROJECT NET NEW OPERATIONAL EMISSIONS – COMPARISON TO TOP 2050

As shown in Table 6, the proposed Project is anticipated to generate less emissions per day for pollutants of VOC, NO_X, CO, SO_X, and $PM_{2.5}$ as compared to emissions generated by the TOP 2050 adopted Industrial land use designation, and operational-source emissions would not exceed the applicable SCAQMD regional thresholds.

TABLE 6: PROJECT NET NEW REGIONAL OPERATIONAL EMISSIONS

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Summer						
Proposed Project	3.09	2.88	30.55	0.04	1.08	0.28
TOP 2050	5.57	5.33	44.33	0.07	1.89	0.47
Net Emissions (Proposed – TOP 2050)	**-2.48**	**-2.45**	**-13.78**	**-0.03**	**-0.81**	**-0.20**
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**
Winter						
Proposed Project	2.59	2.98	26.13	0.03	1.08	0.27
TOP 2050	4.67	5.54	35.97	0.06	1.89	0.47
Net Emissions (Proposed – TOP 2050)	**-2.08**	**-2.56**	**-9.84**	**-0.03**	**-0.81**	**-0.19**
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**

EXISTING BUILDING OPERATIONAL EMISSIONS

The site is occupied by existing uses that are currently active by a telecommunication company with vehicle maintenance operations on-site, which are approximately 25,000 square feet combined. The estimated operation-source emissions from the existing building are summarized on Table 7. Detailed operation model outputs for the existing use are presented in Attachment E.

The Project related operational air quality impacts derive primarily from vehicle trips generated by the Project. Trip characteristics available from the *First Grove Addendum Trip Generation Assessment* were utilized in this analysis (17).

To determine emissions from trucks for the existing industrial uses, the analysis incorporated the SCAQMD recommended truck trip length 15.3 miles for 2-axle (LHDT1, LHDT2) trucks, 14.2 miles 3-axle (MHDT) trucks and 39.9 miles for 4+-axle (HHDT) trucks and weighting the average trip lengths using the traffic trip percentages taken from the *First Grove Addendum Trip Generation Assessment* (17). The trip length function for trucks in CalEEMod has been revised to 15.28 miles, with an assumption of 100% primary trips for the existing industrial land uses. This trip length assumption is higher than the CalEEMod defaults for trucks.

TABLE 7: EXISTING BUILDING REGIONAL OPERATIONAL EMISSIONS

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Summer						
Mobile Source	1.40	3.85	13.93	0.04	1.46	0.34
Area Source	0.77	0.01	1.09	0.00	0.00	0.00
Energy Source	0.01	0.13	0.11	0.00	0.01	0.01
Total Maximum Daily Emissions	**2.18**	**3.98**	**15.12**	**0.04**	**1.47**	**0.35**
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**
Winter						
Mobile Source	1.33	4.07	12.05	0.04	1.46	0.34
Area Source	0.59	0.00	0.00	0.00	0.00	0.00
Energy Source	0.01	0.13	0.11	0.00	0.01	0.01
Total Maximum Daily Emissions	**1.93**	**4.20**	**12.16**	**0.04**	**1.47**	**0.35**
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**

PROJECT NET NEW OPERATIONAL EMISSIONS – COMPARISON TO EXISTING BUILDING

As shown in Table 8, the proposed Project is anticipated to generate less emissions per day for pollutants of VOC, NO_X, CO, and $PM_{2.5}$ as compared to emissions generated by the existing buildings and operational-source emissions would not exceed the applicable SCAQMD regional thresholds.

TABLE 8: PROJECT NET NEW REGIONAL OPERATIONAL EMISSIONS

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Summer						
Proposed Project	3.09	2.88	30.55	0.04	1.08	0.28
Existing Building	2.18	3.98	15.12	0.04	1.47	0.35
Net Emissions (Proposed – Existing)	**0.91**	**-1.11**	**15.43**	**-0.01**	**-0.39**	**-0.08**
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**
Winter						
Proposed Project	2.59	2.98	26.13	0.03	1.08	0.27
Existing Building	1.93	4.20	12.16	0.04	1.47	0.35
Net Emissions (Proposed – Existing)	**0.66**	**-1.22**	**13.97**	**-0.01**	**-0.39**	**-0.08**
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**

LOCALIZED CONSTRUCTION EMISSIONS

The analysis makes use of methodology included in the SCAQMD *Final Localized Significance Threshold Methodology* (LST Methodology) (19). The SCAQMD has established that impacts to air quality are significant if there is a potential to contribute or cause localized exceedances of the federal and/or state ambient air quality standards (NAAQS/CAAQS). Collectively, these are referred to as Localized Significance Thresholds (LSTs). The SCAQMD established LSTs in response to the SCAQMD Governing Board's Environmental Justice Initiative I-4[5]. LSTs represent the maximum emissions from a project that will not cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standard at the sensitive receptor.

[5] The purpose of SCAQMD's Environmental Justice program is to ensure that everyone has the right to equal protection from air pollution and fair access to the decision-making process that works to improve the quality of air within their communities. Further, the SCAQMD defines Environmental Justice as "…equitable environmental policymaking and enforcement to protect the health of all residents, regardless of age, culture, ethnicity, gender, race, socioeconomic status, or geographic location, from the health effects of air pollution."

The SCAQMD states that lead agencies can use the LSTs as another indicator of significance in its air quality impact analyses.

The SCAQMD recommends that the nearest sensitive receptor be considered when determining the Project's potential to cause an individual or cumulatively significant impact. The nearest land use where an individual could remain for 24 hours to the Project site has been used to determine localized construction and operational air quality impacts for emissions of PM_{10} and $PM_{2.5}$ (since PM_{10} and $PM_{2.5}$ thresholds are based on a 24-hour averaging time). The nearest receptor used for evaluation of localized impacts of PM_{10} and $PM_{2.5}$ is location R1, represented by the existing residence at 2125 S Cucamonga Ave, approximately 596 feet (182 meters) southwest of the Project site. Receptors in the Project study area shown on Exhibit 2.

As previously stated, and consistent with LST Methodology, the nearest industrial/commercial use to the Project site is used to determine construction and operational LST air impacts for emissions of NO_X and CO as the averaging periods for these pollutants are shorter (8 hours or less) and it is reasonable to assume that an individual could be present at these sites for periods of one to 8 hours. The nearest receptor used for evaluation of localized impacts of NO_X and CO is location R6, represented by Tech Industrial Machine Corp at 2124 S Grove Ave Unit J, adjacent south of the Project site.

It should be noted that the *LST Methodology* explicitly states that "*It is possible that a project may have receptors closer than 25 meters. Projects with boundaries located closer than 25 meters to the nearest receptor should use the LSTs for receptors located at 25 meters* (19)." As such, for evaluation of localized NO_x and CO, a 25-meter distance will be used.

EXHIBIT 2: SENSITIVE RECEPTOR LOCATIONS

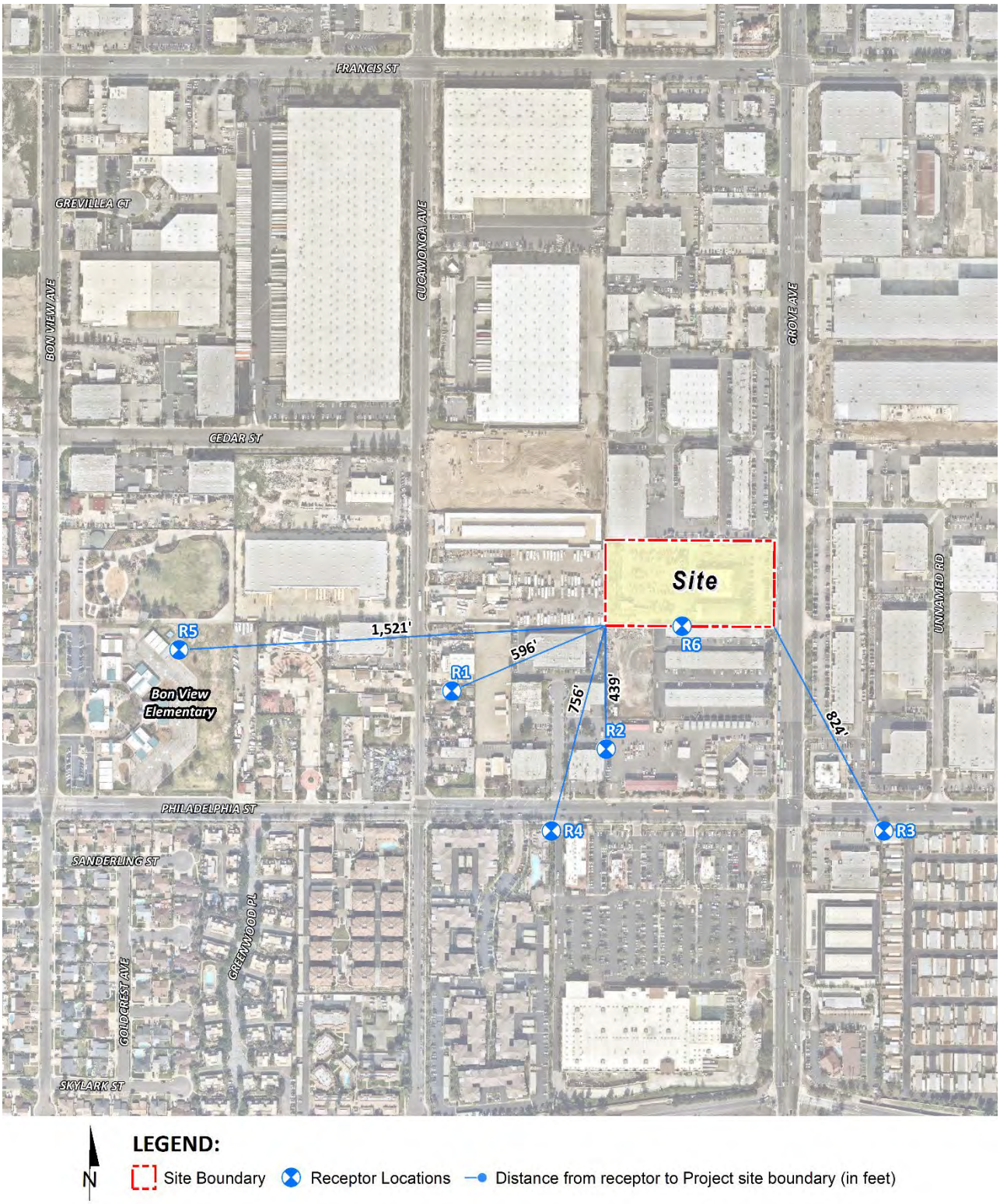


Table 9 identifies the localized impacts at the nearest receptor location in the vicinity of the Project. Outputs from the model runs for construction LSTs are provided in Attachment A. For analytical purposes, emissions associated with peak demolition, site preparation and grading activities are considered for purposes of LSTs since these phases represent the maximum localized emissions that would occur. Any other construction phases of development that overlap would result in less emissions and consequently lesser impacts than what is disclosed herein. As shown in Table 9, emissions resulting from the Project construction will not exceed the numerical thresholds of significance established by the SCAQMD for any criteria pollutant. Thus, a less than significant impact would occur for localized Project-related construction-source emissions and no mitigation is required.

TABLE 9: PROJECT LOCALIZED CONSTRUCTION IMPACTS

On-Site Emissions	Emissions (lbs/day)			
	NO_X	CO	PM_{10}	$PM_{2.5}$
Demolition				
Maximum Daily Emissions	24.89	21.74	1.90	1.10
SCAQMD Localized Threshold	118	863	92	28
Threshold Exceeded?	NO	NO	NO	NO
Site Preparation				
Maximum Daily Emissions	35.95	32.93	7.26	4.16
SCAQMD Localized Threshold	220	1,713	95	36
Threshold Exceeded?	NO	NO	NO	NO
Grading				
Maximum Daily Emissions	34.29	30.17	4.12	2.31
SCAQMD Localized Threshold	237	1,873	106	38
Threshold Exceeded?	NO	NO	NO	NO

LOCALIZED OPERATIONAL EMISSIONS

Table 10 identifies the localized operational impacts at the nearest receptor location in the vicinity of the Project. In an effort to establish a maximum potential impact scenario for analytical purposes, the emissions shown on Table 10 represent all on-site Project-related stationary (area) sources and on-site mobile source emissions. It should be noted that the longest on-site distance is roughly 0.13 miles for both trucks and passenger vehicles. As such, a separate CalEEMod run for operational LSTs has been prepared which accounts for the 0.13-mile on-site travel distance. Outputs from the model runs for operational LSTs are provided in Attachment C. As shown in Table 10, emissions resulting from the Project operation will not exceed the numerical localized thresholds of significance established by the SCAQMD for any criteria pollutant. Thus, a less than significant impact would occur for localized Project-related operational-source emissions and no mitigation is required.

TABLE 10: PROJECT LOCALIZED OPERATIONAL IMPACTS

On-Site Emissions	Emissions (lbs/day)			
	NO_X	CO	PM_{10}	$PM_{2.5}$
Maximum Daily Emissions	1.19	21.47	0.08	0.07
SCAQMD Localized Threshold	270	2,193	31	10
Threshold Exceeded?	NO	NO	NO	NO

AIR QUALITY IMPACTS – CONSISTENCY WITH THRESHOLD NO. 1

Would the Project conflict with or obstruct implementation of the applicable air quality plan?

The Project site is located within the SCAB, which is characterized by relatively poor air quality. The SCAQMD has jurisdiction over an approximately 10,743 square-mile area consisting of the four-county Basin and the Los Angeles County and Riverside County portions of what use to be referred to as the Southeast Desert Air Basin. In these areas, the SCAQMD is principally responsible for air pollution control, and works directly with the Southern California Association of Governments (SCAG), county transportation commissions, local governments, as well as state and federal agencies to reduce emissions from stationary, mobile, and indirect sources to meet state and federal ambient air quality standards.

Currently, these state and federal air quality standards are exceeded in most parts of the SCAB. In response, the SCAQMD has adopted a series of AQMPs to meet the state and federal ambient air quality standards. AQMPs are updated regularly in order to more effectively reduce emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy.

In December 2022, the SCAQMD released the Final 2022 AQMP (2022 AQMP). The 2022 AQMP continues to evaluate current integrated strategies and control measures to meet the CAAQS, as well as explore new and innovative methods to reach its goals. Some of these approaches include utilizing incentive programs, recognizing existing co-benefit programs from other sectors, and developing a strategy with fair-share reductions at the federal, state, and local levels (20). Similar to the 2016 AQMP, the 2022 AQMP incorporates scientific and technological information and planning assumptions, including the 2020-2045 RTP/SCS, a planning document that supports the integration of land use and transportation to help the region meet the federal CAA requirements (21). The Project's consistency with the AQMP will be determined using the 2022 AQMP as discussed below.

Criteria for determining consistency with the AQMP are defined in Chapter 12, Section 12.2 and Section 12.3 of the 1993 CEQA Handbook (22). These indicators are discussed below.

The proposed Project will not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP.

The violations that under this criterion refer to are the CAAQS and NAAQS. CAAQS and NAAQS violations would occur if regional or localized significance thresholds were exceeded.

CAAQS and NAAQS violations would occur if regional or localized significance thresholds were exceeded. As evaluated, the Project's regional and localized construction and operational-source emissions would not exceed applicable regional significance thresholds. As such, a less than significant impact is expected.

On the basis of the preceding discussion, the Project is determined to be consistent with the first criterion.

The Project will not exceed the assumptions in the AQMP based on the years of Project build-out phase.

The 2022 AQMP demonstrates that the applicable ambient air quality standards can be achieved within the timeframes required under federal law. Growth projections from local general plans adopted by cities in the district are provided to the SCAG, which develops regional growth forecasts, which are then used to develop future air quality forecasts for the AQMP. Development consistent with the growth projections in City of Ontario General Plan is considered to be consistent with the AQMP.

Peak day emissions generated by construction activities are largely independent of land use assignments, but rather are a function of development scope and maximum area of disturbance. Irrespective of the site's land use designation, development of the site to its maximum potential would likely occur, with disturbance of the entire site occurring during construction activities. As such, when considering that no emissions thresholds will be exceeded, a less than significant impact would result.

The TOP 2050 adopted by the City in August 2022, designates the Project site as "Business Park (BP)" land uses. The BP designation allows for a maximum FAR of 0.60 for employee-intensive office uses including corporate offices, technology centers, research and development, "clean" industry, light manufacturing, and supporting retail within a business park setting (23).

The proposed Project includes the development of 61,867 square foot industrial warehouse building on 4.20 acres. As previously stated, the Project is consistent with the current land use and zoning designation. As such, the proposed Project would not conflict with the goals and objectives of the AQMP. Furthermore, the Project, as evaluated herein would not exceed the regional or localized air quality significance thresholds.

On the basis of the preceding discussion, the Project is determined to be consistent with the AQMP and a less than significant impact is expected.

AIR QUALITY IMPACTS – CONSISTENCY WITH THRESHOLD NO. 2

Would the Project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality standard?

The CAAQS designate the Project site as nonattainment for O_3, PM_{10}, and $PM_{2.5}$ while the NAAQS designates the Project site as nonattainment for O_3 and $PM_{2.5}$.

The SCAQMD has published a report on how to address cumulative impacts from air pollution: White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution (24). In this report the SCAQMD clearly states (Page D-3):

> *"...the SCAQMD uses the same significance thresholds for project specific and cumulative impacts for all environmental topics analyzed in an Environmental Assessment or EIR. The only case where the significance thresholds for project specific and cumulative impacts differ is the Hazard Index (HI) significance threshold for TAC emissions. The project specific (project increment) significance threshold is HI > 1.0 while the cumulative (facility-wide) is HI > 3.0. It should be noted that the HI is only one of three TAC emission significance thresholds considered (when applicable) in a CEQA analysis. The other two are the maximum individual cancer risk (MICR) and the cancer burden, both of which use the same significance thresholds (MICR of 10 in 1 million and cancer burden of 0.5) for project specific and cumulative impacts.*
>
> *Projects that exceed the project-specific significance thresholds are considered by the SCAQMD to be cumulatively considerable. This is the reason project-specific and cumulative significance thresholds are the same. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant."*

Therefore, this analysis assumes that individual projects that do not generate operational or construction emissions that exceed the SCAQMD's recommended daily thresholds for project-specific impacts would also not cause a cumulatively considerable increase in emissions for those pollutants for which SCAB is in nonattainment, and, therefore, would not be considered to have a significant, adverse air quality impact. Alternatively, individual project-related construction and operational emissions that exceed SCAQMD thresholds for project-specific impacts would be considered cumulatively considerable.

Construction Impacts

The Project-specific evaluation of emissions presented in the preceding analysis demonstrates that proposed Project construction-source air pollutant emissions would not result in exceedances of regional thresholds. Therefore, proposed Project construction-source emissions would be considered less than significant on a project-specific and cumulative basis.

Operational Impacts

The Project-specific evaluation of emissions presented in the preceding analysis demonstrates that proposed Project operational-source air pollutant emissions would not result in exceedances of regional thresholds. Therefore, the proposed Project operational-source emissions would be considered less than significant on a project-specific and cumulative basis.

AIR QUALITY IMPACTS – CONSISTENCY WITH THRESHOLD NO. 3

Would the expose sensitive receptors to substantial pollutant concentrations?

The potential impact of Project-generated air pollutant emissions at sensitive receptors has also been considered. Results of the LST analysis indicate that the Project will not exceed the SCAQMD localized significance thresholds during construction. Therefore, sensitive receptors would not be exposed to substantial pollutant concentrations during Project construction.

Additionally, the Project will not exceed the SCAQMD localized significance thresholds during operational activity. Therefore, sensitive receptors would not be exposed to substantial pollutant concentrations as the result of Project operations.

CO "HOT SPOT" ANALYSIS

As discussed below, the Project would not result in potentially adverse CO concentrations or "hot spots." Further, detailed modeling of Project-specific CO "hot spots" is not needed to reach this conclusion. An adverse CO concentration, known as a "hot spot", would occur if an exceedance of the state one-hour standard of 20 parts per million (ppm) or the eight-hour standard of 9 ppm were to occur.

It has long been recognized that CO hotspots are caused by vehicular emissions, primarily when idling at congested intersections. In response, vehicle emissions standards have become increasingly stringent in the last twenty years. Currently, the allowable CO emissions standard in California is a maximum of 3.4 grams/mile for passenger cars (there are requirements for certain vehicles that are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of increasingly sophisticated and efficient emissions control technologies, CO concentration in the SCAB is now designated as attainment. To establish a more accurate record of baseline CO concentrations affecting the SCAB, a CO "hot spot" analysis was conducted in 2003 for four busy intersections in Los Angeles at the peak morning and afternoon time periods[6]. This "hot spot" analysis did not predict any exceedance of the 1-hour (20.0 ppm) or 8-hour (9.0 ppm) CO standards, as shown on Table 11.

TABLE 11: CO MODEL RESULTS

Intersection Location	CO Concentrations (ppm)		
	Morning 1-hour	Afternoon 1-hour	8-hour
Wilshire Boulevard/Veteran Avenue	4.6	3.5	3.7
Sunset Boulevard/Highland Avenue	4	4.5	3.5
La Cienega Boulevard/Century Boulevard	3.7	3.1	5.2
Long Beach Boulevard/Imperial Highway	3	3.1	8.4

Notes: Federal 1-hour standard is 35 ppm and the deferral 8-hour standard is 9.0 ppm.

Based on the SCAQMD's 2003 AQMP and the 1992 Federal Attainment Plan for Carbon Monoxide (1992 CO Plan), peak carbon monoxide concentrations in the SCAB were a result of unusual meteorological and topographical conditions and not a result of traffic volumes and congestion at a particular intersection. As evidence of this, for example, 8.4 ppm 8-hr CO concentration measured at the Long Beach Blvd. and Imperial Hwy. intersection (highest CO generating intersection within the "hot spot" analysis), only 0.7 ppm was attributable to the traffic volumes and congestion at this intersection; the remaining 7.7 ppm were due to the ambient air measurements at the time the 2003 AQMP was prepared (25). In contrast, an adverse CO concentration, known as a "hot spot", would occur if an exceedance of the state one-hour standard of 20 parts per million (ppm) or the eight-hour standard of 9 ppm were to occur.

Similar considerations are also employed by other Air Districts when evaluating potential CO concentration impacts. More specifically, the Bay Area Air Quality Management District

[6] The CO "hot spot" analysis conducted in 2003 is the most current study used for CO "hot spot" analysis in the SCAB.

(BAAQMD) concludes that under existing and future vehicle emission rates, a given project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour (vph)—or 24,000 vph where vertical and/or horizontal air does not mix—in order to generate a significant CO impact (26). Traffic volumes generating the CO concentrations for the "hot spot" analysis is shown on Table 12. The busiest intersection evaluated was at Wilshire Boulevard and Veteran Avenue, which had AM/PM traffic volumes of 8,062 vph and 7,719 vph respectively (27). The 2003 AQMP estimated that the 1-hour concentration for this intersection was 4.6 ppm; this indicates that, should the hourly traffic volume increase four times to 32,248 vehicles per hour, CO concentrations (4.6 ppm x 4 = 18.4 ppm) would still not likely exceed the most stringent 1-hour CO standard (20.0 ppm). Although the intersection at Wilshire Boulevard and Veteran Avenue is near the Project site, there would be a negligible increase in trips at any study area intersection as the trip generation is significantly low. Since the Project will generate a reduction in approximately -66 net ADT, the Project would not generate sufficient ADT to cause a CO hotspot.

TABLE 12: CO MODEL RESULTS

Intersection Location	Peak Traffic Volumes (vph)				
	Eastbound (AM/PM)	Westbound (AM/PM)	Southbound (AM/PM)	Northbound (AM/PM)	Total (AM/PM)
Wilshire Boulevard/Veteran Avenue	4,954/2,069	1,830/3,317	721/1,400	560/933	8,062/7,719
Sunset Boulevard/Highland Avenue	1,417/1,764	1,342/1,540	2,304/1,832	1,551/2,238	6,614/5,374
La Cienega Boulevard/Century Boulevard	2,540/2,243	1,890/2,728	1,384/2,029	821/1,674	6,634/8,674
Long Beach Boulevard/Imperial Highway	1,217/2,020	1,760/1,400	479/944	756/1,150	4,212/5,514

AIR QUALITY IMPACTS – CONSISTENCY WITH THRESHOLD NO. 4

Would the Project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

The potential for the Project to generate objectionable odors has also been considered. Land uses generally associated with odor complaints include:

- Agricultural uses (livestock and farming)
- Wastewater treatment plants
- Food processing plants
- Chemical plants
- Composting operations
- Refineries
- Landfills
- Dairies
- Fiberglass molding facilities

The Project does not contain land uses typically associated with emitting objectionable odors. Potential odor sources associated with the proposed Project may result from construction equipment exhaust and the application of asphalt and architectural coatings during construction activities and the temporary storage of typical solid waste (refuse) associated with the proposed Project's (long-term operational) uses. Standard construction requirements would minimize odor impacts from construction. The construction odor emissions would be temporary, short-term, and intermittent in nature and would cease upon completion of the respective phase of construction and is thus considered less than significant. It is expected that Project-generated refuse would be stored in covered containers and removed at regular intervals in compliance with the solid waste regulations. The proposed Project would also be required to comply with SCAQMD Rule 402 to prevent occurrences of public nuisances. Therefore, odors associated with the proposed Project construction and operations would be less than significant and no mitigation is required (28).

PROJECT GHG ANALYSIS

CLIMATE CHANGE SETTING

Global climate change (GCC) is the change in average meteorological conditions on the earth with respect to temperature, precipitation, and storms. The majority of scientists believe that the climate shift taking place since the Industrial Revolution is occurring at a quicker rate and magnitude than in the past. Scientific evidence suggests that GCC is the result of increased concentrations of GHGs in the earth's atmosphere, including carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), and fluorinated gases. The majority of scientists believe that this increased rate of climate change is the result of GHGs resulting from human activity and industrialization over the past 200 years.

An individual project like the proposed Project evaluated in this memo cannot generate enough GHG emissions to affect a discernible change in global climate. However, the proposed Project may participate in the potential for GCC by its incremental contribution of GHGs combined with the cumulative increase of all other sources of GHGs, which when taken together constitute potential influences on GCC. Because these changes may have serious environmental consequences, this memo will evaluate the potential for the proposed Project to have a significant effect upon the environment as a result of its potential contribution to the greenhouse effect.

GCC refers to the change in average meteorological conditions on the earth with respect to temperature, wind patterns, precipitation and storms. Global temperatures are regulated by naturally occurring atmospheric gases such as water vapor, CO_2, N_2O, CH_4, hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF_6). These particular gases are important due to their residence time (duration they stay) in the atmosphere, which ranges from 10 years to more than 100 years. These gases allow solar radiation into the earth's atmosphere, but prevent radiative heat from escaping, thus warming the earth's atmosphere. GCC can occur naturally as it has in the past with the previous ice ages.

Gases that trap heat in the atmosphere are often referred to as GHGs. GHGs are released into the atmosphere by both natural and anthropogenic activity. Without the natural GHG effect, the earth's average temperature would be approximately 61 degrees Fahrenheit (°F) cooler than it is

currently. The cumulative accumulation of these gases in the earth's atmosphere is considered to be the cause for the observed increase in the earth's temperature.

For the purposes of this analysis, emissions of CO_2, CH_4, and N_2O were evaluated because these gases are the primary contributors to GCC from development projects. Although there are other substances such as fluorinated gases that also contribute to GCC, these fluorinated gases were not evaluated as their sources are not well-defined and do not contain accepted emissions factors or methodology to accurately calculate these gases.

REGULATORY SETTING

Executive Order S-3-05

Former California Governor Arnold Schwarzenegger announced on June 1, 2005, through Executive Order S-3-05, the following reduction targets for GHG emissions:

- By 2010, reduce GHG emissions to 2000 levels.
- By 2020, reduce GHG emissions to 1990 levels.
- By 2050, reduce GHG emissions to 80% below 1990 levels.

The 2050 reduction goal represents what some scientists believe is necessary to reach levels that will stabilize the climate. The 2020 goal was established to be a mid-term target. Because this is an executive order, the goals are not legally enforceable for local governments or the private sector.

Assembly Bill (AB) 32

The California State Legislature enacted AB 32, which requires that GHGs emitted in California be reduced to 1990 levels by the year 2020. "GHGs" as defined under AB 32 include CO_2, CH_4, N_2O, hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF_6). Since AB 32 was enacted, a seventh chemical, nitrogen trifluoride, has also been added to the list of GHGs. CARB is the state agency charged with monitoring and regulating sources of GHGs. Pursuant to AB 32, CARB adopted regulations to achieve the maximum technologically feasible and cost-effective GHG emission reductions. AB 32 states the following:

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

CARB approved the 1990 GHG emissions level of 427 million metric ton of CO_2 equivalent per year ($MMTCO_2e$) on December 6, 2007 (29). Therefore, emissions generated in California in 2020 are required to be equal to or less than 427 $MMTCO_2e$. Emissions in 2020 in a "business as usual" (BAU) scenario were estimated to be 596 $MMTCO_2e$, which do not account for reductions from AB 32 regulations (30). At that level, a 28.4% reduction was required to achieve the 427 $MMTCO_2e$ 1990 inventory. In October 2010, CARB prepared an updated BAU 2020 forecast to account for the recession and slower forecasted growth. The forecasted inventory without the benefits of

adopted regulation is now estimated at 545 $MMTCO_2e$. Therefore, under the updated forecast, a 21.7% reduction from BAU is required to achieve 1990 levels (31).

Progress in Achieving AB 32 Targets and Remaining Reductions Required

The State has made steady progress in implementing AB 32 and achieving targets included in Executive Order S-3-05. The progress is shown in updated emission inventories prepared by CARB for 2000 through 2012 (32). The State has achieved the Executive Order S-3-05 target for 2010 of reducing GHG emissions to 2000 levels. As shown below, the 2010 emission inventory achieved this target.

- 1990: 427 $MMTCO_2e$ (AB 32 2020 target)
- 2000: 463 $MMTCO_2e$ (an average 8% reduction needed to achieve 1990 base)
- 2010: 450 $MMTCO_2e$ (an average 5% reduction needed to achieve 1990 base)

CARB has also made substantial progress in achieving its goal of achieving 1990 emissions levels by 2020. As described earlier in this section, CARB revised the 2020 BAU inventory forecast to account for new lower growth projections, which resulted in a new lower reduction from BAU to achieve the 1990 base. The previous reduction from 2020 BAU needed to achieve 1990 levels was 28.4% and the latest reduction from 2020 BAU is 21.7%.

- 2020: 545 $MMTCO_2e$ BAU (an average 21.7% reduction from BAU needed to achieve 1990 base)

Senate Bill (SB) 32

On September 8, 2016, Governor Jerry Brown signed the SB 32 and its companion bill, AB 197. SB 32 requires the state to reduce statewide GHG emissions to 40% below 1990 levels by 2030, a reduction target that was first introduced in Executive Order B-30-15. The new legislation builds upon the AB 32 goal of 1990 levels by 2020 and provides an intermediate goal to achieving S-3-05, which sets a statewide GHG reduction target of 80% below 1990 levels by 2050. AB 197 creates a legislative committee to oversee regulators to ensure that CARB not only responds to the Governor, but also the Legislature (33).

AB 197

A condition of approval for SB 32 was the passage of AB 197. AB 197 requires that CARB consider the social costs of GHG emissions and prioritize direct reductions in GHG emissions at mobile sources and large stationary sources. AB 197 also gives the California legislature more oversight over CARB through the addition of two legislatively appointed members to the CARB Board and the establishment a legislative committee to make recommendations about CARB programs to the legislature.

Executive Order B-55-18 and SB 100

Executive Order B-55-18 and SB 100. SB 100 and Executive Order B-55-18 were signed by Governor Brown on September 10, 2018. Under the existing RPS, 25% of retail sales are required to be from renewable sources by December 31, 2016, 33% by December 31, 2020, 40% by December 31, 2024, 45% by December 31, 2027, and 50% by December 31, 2030. SB 100 raises California's RPS requirement to 50% renewable resources target by December 31, 2026, and to achieve a 60% target by December 31, 2030. SB 100 also requires that retail sellers and local

publicly owned electric utilities procure a minimum quantity of electricity products from eligible renewable energy resources so that the total kilowatt hours of those products sold to their retail end-use customers achieve 44% of retail sales by December 31, 2024, 52% by December 31, 2027, and 60% by December 31, 2030. In addition to targets under AB 32 and SB 32, Executive Order B-55-18 establishes a carbon neutrality goal for the state of California by 2045; and sets a goal to maintain net negative emissions thereafter. The Executive Order directs the California Natural Resources Agency (CNRA), California Environmental Protection Agency (CalEPA), the Department of Food and Agriculture (CDFA), and CARB to include sequestration targets in the Natural and Working Lands Climate Change Implementation Plan consistent with the carbon neutrality goal.

Title 24 California Code of Regulations (CCR)

California Code of Regulations (CCR) Title 24 Part 6: The California Energy Code was first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption.

The standards are updated periodically to allow consideration and possible incorporation of new energy efficient technologies and methods. CCR, Title 24, Part 11: California Green Building Standards Code (CALGreen) is a comprehensive and uniform regulatory code for all residential, industrial, commercial, and school buildings that went in effect on August 1, 2009, and is administered by the California Building Standards Commission.

CALGreen is updated on a regular basis, with the most recent approved update consisting of the 2022 California Green Building Code Standards that was effective on January 1, 2023[7]. As construction of the Project is anticipated to be completed in 2025, the Project would be required to comply with the Title 24 standards in place at that time.

SCAQMD

SCAQMD is the agency responsible for air quality planning and regulation in the SCAB. The SCAQMD addresses the impacts to climate change of projects subject to SCAQMD permit as a lead agency if they are the only agency having discretionary approval for the project and acts as a responsible agency when a land use agency must also approve discretionary permits for the project. The SCAQMD acts as an expert commenting agency for impacts to air quality. This expertise carries over to GHG emissions, so the agency helps local land use agencies through the development of models and emission thresholds that can be used to address GHG emissions.

In 2008, SCAQMD formed a Working Group to identify GHG emissions thresholds for land use projects that could be used by local lead agencies in the SCAB. The Working Group developed several different options that are contained in the SCAQMD Draft Guidance Document – Interim CEQA GHG Significance Threshold, that could be applied by lead agencies. The working group has not provided additional guidance since release of the interim guidance in 2008. The SCAQMD Board has not approved the thresholds; however, the Guidance Document provides substantial evidence supporting the approaches to significance of GHG emissions that can be considered by the lead agency in adopting its own threshold. The current interim thresholds consist of the following tiered approach:

[7] The 2022 California Green Building Standard Code will be published July 1, 2022.

- Tier 1 consists of evaluating whether or not the project qualifies for any applicable exemption under CEQA.
- Tier 2 consists of determining whether the project is consistent with a GHG reduction plan. If a project is consistent with a qualifying local GHG reduction plan, it does not have significant GHG emissions.
- Tier 3 consists of screening values, which the lead agency can choose, but must be consistent with all projects within its jurisdiction. A project's construction emissions are averaged over 30 years and are added to the project's operational emissions. If a project's emissions are below one of the following screening thresholds, then the project is less than significant:
    - Residential and commercial land use: 3,000 metric ton of CO_2 equivalent ($MTCO_2e/yr$)
    - Industrial land use: 10,000 $MTCO_2e/yr$
    - Based on land use type: residential: 3,500 $MTCO_2e/yr$; commercial: 1,400 $MTCO_2e/yr$; or mixed use: 3,000 $MTCO_2e/yr$
- Tier 4 has the following options:
    - Option 1: Reduce Business-as-Usual (BAU) emissions by a certain percentage; this percentage is currently undefined.
    - Option 2: Early implementation of applicable AB 32 Scoping Plan measures
    - Option 3: 2020 target for service populations (SP), which includes residents and employees: 4.8 $MTCO_2e$ per SP per year for projects and 6.6 $MTCO_2e$ per SP per year for plans;
    - Option 3, 2035 target: 3.0 $MTCO_2e$ per SP per year for projects and 4.1 $MTCO_2e$ per SP per year for plans
- Tier 5 involves mitigation offsets to achieve target significance threshold.

The SCAQMD's interim thresholds used the Executive Order S-3-05-year 2050 goal as the basis for the Tier 3 screening level. Achieving the Executive Order's objective would contribute to worldwide efforts to cap CO_2 concentrations at 450 ppm, thus stabilizing global climate.

SCAQMD only has authority over GHG emissions from development projects that include air quality permits. At this time, it is unknown if the project would include stationary sources of emissions subject to SCAQMD permits. Notwithstanding, if the Project requires a stationary permit, it would be subject to the applicable SCAQMD regulations.

SCAQMD Regulation XXVII, adopted in 2009 includes the following rules:

- Rule 2700 defines terms and post global warming potentials.
- Rule 2701, Southern California (SoCal) Climate Solutions Exchange, establishes a voluntary program to encourage, quantify, and certify voluntary, high quality certified GHG emission reductions in the SCAQMD.

- Rule 2702, GHG Reduction Program created a program to produce GHG emission reductions within the SCAQMD. The SCAQMD will fund projects through contracts in response to requests for proposals or purchase reductions from other parties.

SCAQMD is the agency responsible for air quality planning and regulation in the SCAB. The SCAQMD addresses the impacts to climate change of projects subject to SCAQMD permit as a lead agency if they are the only agency having discretionary approval for the project and acts as a responsible agency when a land use agency must also approve discretionary permits for the project. The SCAQMD acts as an expert commenting agency for impacts to air quality. This expertise carries over to GHG emissions, so the agency helps local land use agencies through the development of models and emission thresholds that can be used to address GHG emissions.

City of Ontario Community Climate Action Plan (CCAP)

The Community Climate Action Plan (CCAP) contains further guidance on the City of Ontario's GHG Inventory reduction goals, policies, guidelines, and implementation programs. The purpose of the CCAP is to provide guidance on how to analyze GHG emissions and determine significance during the CEQA review of proposed development projects within the City of Ontario (34). The CCAP builds upon the Reduction Plan to address City-specific information and City-specific GHG reduction measures. To address the state's requirement to reduce GHG emissions, the CCAP was prepared with the goal of reducing GHG emissions within the City by 15% below 2008 levels by the year 2020. The City's target is consistent with the AB 32 target and ensures that the City of Ontario achieves GHG reductions locally that complement and are consistent with state efforts to reduce GHG emissions.

As part of the CCAP, the City of Ontario published a guidance document titled "Greenhouse Gas Emissions, CEQA Thresholds and Screening Tables" (December 2014). As part of this guidance, the CCAP determined that if GHG emissions of a given project exceeds 3,000 MTCO2e/yr, then project emissions would need to be reduced by 25 percent when compared to year 2008 emissions levels. Alternatively, the project would need to achieve a minimum of 100 points pursuant to measures identified in the Screening Tables.

The 2022 update to the Ontario Plan includes an update to the City's CCAP which was originally adopted on December 16, 2014. As stated in The Ontario Plan 2050 Draft Supplemental Environmental Impact Report (SEIR), the measures included in the 2022 update to the CCAP are not substantially different than that of the 2014 CCAP and therefore there is no change in the environmental impacts associated with the CCAP.

GHG IMPACTS

Standards of Significance

According to the CEQA Guidelines Appendix G thresholds, to determine whether impacts from GHG emissions are significant. Would the project:

- **Threshold 1**: Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?
- **Threshold 2**: Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of GHGs?

The evaluation of an impact under CEQA requires measuring data from a project against both existing conditions and a "threshold of significance." For establishing significance thresholds, the Office of Planning and Research's amendments to the CEQA Guidelines Section 15064.7(c) state "[w]hen adopting thresholds of significance, a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies, or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence."

Discussion on Establishment of Significance Thresholds

As previously stated, SEIR identifies that the measures included in the 2022 update to the CCAP are not substantially different than that of the 2014 CCAP and therefore there is no change in the environmental impacts associated with the CCAP. As such, and consistent with the 2014 CCAP, this analysis relies on the annual screening threshold of 3,000 $MTCO_2e$/yr to define small projects that are considered less than significant and do not require further GHG emissions calculations or analysis. Projects that do not exceed an annual 3,000 $MTCO_2e$/yr are therefore considered less than significant and would not require further analysis or mitigation.

GHG IMPACTS – CONSISTENCY WITH THRESHOLD NO. 1

Would the Project have the potential to generate direct or indirect GHG emissions that would result in a significant impact on the environment?

PROJECT GHG EMISSIONS

The estimated GHG emissions for the Project land use are summarized on Table 13. The estimated GHG emissions include emissions from Carbon Dioxide (CO_2), Methane (CH_4), Nitrous Oxide (N_2O), and Refrigerants (R). As shown on Table 13, the Project would generate a total of approximately 929.68 $MTCO_2e$/yr. Detailed operation model outputs for the proposed Project are presented in Attachment A.

TABLE 13: TOTAL PROJECT GHG EMISSIONS

Source	Emission (lbs/day)				
	CO_2	CH_4	N_2O	R	Total CO_2e
Annual construction-related emissions amortized over 30 years	16.23	7.19E-04	3.42E-04	3.84E-03	16.35
Mobile Source	522.99	0.03	0.04	0.80	537.00
Area Source	1.25	0.00	0.00	0.00	1.26
Energy Source	266.25	0.02	0.00	0.00	267.52
Water	20.26	0.47	0.01	0.00	35.28
Waste	6.85	0.68	0.00	0.00	23.95
Refrigerants	0.00	0.00	0.00	0.96	0.96
On-Site Equipment Source	0.00	0.00	0.00	0.00	47.37
Total CO_2e (All Sources)	**929.68**				

TOP 2050 GHG EMISSIONS

The estimated GHG emissions from the TOP 2050 adopted Industrial land use designation are summarized on Table 14. Detailed operation model outputs for the TOP 2050 adopted Industrial land use designation are presented in Attachment D.

TABLE 14: TOP 2050 GHG EMISSIONS

Source	Emission (lbs/day)				
	CO_2	CH_4	N_2O	R	Total CO_2e
Mobile Source	967.23	0.06	0.08	1.63	993.85
Area Source	2.23	0.00	0.00	0.00	2.24
Energy Source	462.97	0.04	0.00	0.00	465.16
Water	35.39	0.83	0.02	0.00	62.06
Waste	12.15	1.21	0.00	0.00	42.51
Refrigerants	0.00	0.00	0.00	1.70	1.70
On-Site Equipment Source	0.00	0.00	0.00	0.00	47.37
Total CO_2e (All Sources)	**1,614.88**				

PROJECT NET NEW GHG EMISSIONS – COMPARISON TO TOP 2050

Table 15 shows the Project is anticipated to generate less GHG emissions per day as compared to emissions generated by the TOP 2050 adopted Industrial land use designation.

TABLE 15: PROJECT NET NEW GHG EMISSIONS

Emission Source	Total CO_2e
Proposed Project	929.68
TOP 2050	1,614.88
Net Emissions (Proposed – TOP 2050)	**-685.20**

EXISTING BUILDING GHG EMISSIONS

The estimated GHG emissions from the existing buildings are summarized on Table 16. Detailed operation model outputs for the existing buildings are presented in Attachment E.

TABLE 16: EXISTING BUILDING GHG EMISSIONS

Source	Emission (lbs/day)				
	CO_2	CH_4	N_2O	R	Total CO_2e
Mobile Source	660.39	0.02	0.04	2.02	674.32
Area Source	0.51	0.00	0.00	0.00	0.51
Energy Source	43.48	0.00	0.00	0.00	43.65
Water	8.06	0.19	0.00	0.00	14.13
Waste	2.10	0.21	0.00	0.00	7.34
Refrigerants	660.39	0.02	0.04	2.02	674.32
Total CO_2e (All Sources)	**739.94**				

PROJECT NET NEW GHG EMISSIONS – COMPARISON TO EXISTING BUILDING

Table 17 shows the Project is anticipated to generate more GHG emissions per day as compared to emissions generated by the existing building, additionally; the proposed Projects emissions would still be less than the applicable thresholds.

TABLE 17: PROJECT NET NEW GHG EMISSIONS

Emission Source	Total CO_2e
Proposed Project	929.68
Existing Building	739.94
Net Emissions (Proposed – Existing)	**189.74**

As discussed within the CCAP, projects that generate less than 3,000 $MTCO_2e$/yr would have a less-than-significant GHG emissions impact. As shown on Table 17, the proposed Project would generate a total of 189.74 $MTCO_2e$/yr and would therefore not exceed the 3,000 $MTCO_2e$/yr significance threshold and a less than significant impact is expected.

GHG IMPACTS – CONSISTENCY WITH THRESHOLD NO. 2

Would the Project have the potential to conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of GHGs?

Pursuant to 15604.4 of the CEQA Guidelines, a lead agency may rely on qualitative analysis or performance-based standards to determine the significance of impacts from GHG emissions (35).

The 2022 Scoping Plan for Achieving Carbon Neutrality (2022 Scoping Plan) lays out a path to achieve targets for carbon neutrality and reduce anthropogenic greenhouse gas (GHG) emissions by 85 percent below 1990 levels no later than 2045, as directed by Assembly Bill 1279. The actions and outcomes in the plan will achieve significant reductions in fossil fuel combustion by deploying clean technologies and fuels, further reductions in short-lived climate pollutants, support for sustainable development, increased action on natural and working lands to reduce emissions and sequester carbon, and the capture and storage of carbon (36).

Finally, the Project is consistent with the general plan land use designation, density, building intensity, and applicable policies specified for the Project area in SCAG's Sustainable Community Strategy/Regional Transportation Plan, which pursuant to SB 375 calls for the integration of transportation, land-use and housing policies to plan for achievement of the GHG-emissions target for the region. Thus, a less than significant impact related to GHG emissions from Project construction and operation would occur and no mitigation is required.

CONCLUSION

Results of the assessment indicate that the Project is not anticipated to result in a significant impact during construction or operational activities associated with air quality and greenhouse gases.

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ATTACHMENT A

CALEEMOD PROPOSED CONSTRUCTION EMISSIONS MODEL OUTPUTS

15067 - 2042 S Grove (Proposed Construction) Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15067 - 2042 S Grove (Proposed Construction)
Construction Start Date	8/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	20.8
Location	2042 S Grove Ave, Ontario, CA 91761, USA
County	San Bernardino-South Coast
City	Ontario
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5296
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.13

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Industrial Park	61.9	1000sqft	1.42	61,867	23,452	—	—	—

Parking Lot	100	Space	0.90	0.00	0.00	—	—	—
Other Asphalt Surfaces	1.88	Acre	1.88	0.00	0.00	—	—	—
User Defined Industrial	61.9	User Defined Unit	0.00	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.44	13.5	36.0	34.4	0.06	1.60	5.89	7.49	1.47	2.74	4.21	—	6,917	6,917	0.28	0.15	3.11	6,946
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.30	3.62	34.4	31.5	0.06	1.45	2.94	4.39	1.33	1.04	2.38	—	6,893	6,893	0.28	0.07	0.06	6,921
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.86	1.58	6.71	8.19	0.01	0.28	0.48	0.76	0.26	0.16	0.43	—	1,619	1,619	0.07	0.03	0.44	1,631
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.16	0.29	1.22	1.49	< 0.005	0.05	0.09	0.14	0.05	0.03	0.08	—	268	268	0.01	0.01	0.07	270

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.44	3.74	36.0	34.4	0.06	1.60	5.89	7.49	1.47	2.74	4.21	—	6,917	6,917	0.28	0.15	2.37	6,946
2025	2.87	13.5	20.4	29.4	0.04	0.86	0.67	1.53	0.79	0.16	0.95	—	5,217	5,217	0.22	0.10	3.11	5,254
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.30	3.62	34.4	31.5	0.06	1.45	2.94	4.39	1.33	1.04	2.38	—	6,893	6,893	0.28	0.07	0.06	6,921
2025	1.60	1.33	11.7	15.8	0.03	0.47	0.41	0.88	0.43	0.10	0.53	—	3,213	3,213	0.14	0.07	0.05	3,238
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.86	0.72	6.71	6.75	0.01	0.28	0.48	0.76	0.26	0.16	0.43	—	1,322	1,322	0.06	0.03	0.25	1,331
2025	0.82	1.58	6.00	8.19	0.01	0.24	0.20	0.45	0.22	0.05	0.27	—	1,619	1,619	0.07	0.03	0.44	1,631
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.16	0.13	1.22	1.23	< 0.005	0.05	0.09	0.14	0.05	0.03	0.08	—	219	219	0.01	< 0.005	0.04	220
2025	0.15	0.29	1.10	1.49	< 0.005	0.04	0.04	0.08	0.04	0.01	0.05	—	268	268	0.01	0.01	0.07	270

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	3.12	2.62	24.9	21.7	0.03	1.06	—	1.06	0.98	—	0.98	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	0.84	0.84	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.05	1.79	< 0.005	0.09	—	0.09	0.08	—	0.08	—	282	282	0.01	< 0.005	—	282
Demolition	—	—	—	—	—	—	0.07	0.07	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.37	0.33	< 0.005	0.02	—	0.02	0.01	—	0.01	—	46.6	46.6	< 0.005	< 0.005	—	46.8
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	1.27	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.4	31.4	< 0.005	< 0.005	0.09	32.9
Hauling	0.09	0.01	0.83	0.46	< 0.005	0.01	0.18	0.19	0.01	0.05	0.06	—	676	676	0.07	0.11	1.42	712

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	0.03	16.7
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.58	2.58	< 0.005	< 0.005	< 0.005	2.70
Hauling	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	< 0.005	—	55.6	55.6	0.01	0.01	0.05	58.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	0.01	2.77
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.43	0.43	< 0.005	< 0.005	< 0.005	0.45
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.20	9.20	< 0.005	< 0.005	0.01	9.67

3.3. Site Preparation (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.66	5.66	—	2.69	2.69	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.99	0.90	< 0.005	0.04	—	0.04	0.04	—	0.04	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	—	0.16	0.16	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.18	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.48	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.01	256
Vendor	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	0.00
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.42	6.42	< 0.005	< 0.005	0.01	6.51
Vendor	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	0.00

Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.08
Vendor	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	0.00
Hauling	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	0.00

3.5. Grading (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.19	3.52	34.3	30.2	0.06	1.45	—	1.45	1.33	—	1.33	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	2.67	2.67	—	0.98	0.98	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.19	3.52	34.3	30.2	0.06	1.45	—	1.45	1.33	—	1.33	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	2.67	2.67	—	0.98	0.98	—	—	—	—	—	—	—
Onsite truck	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	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	0.19	1.88	1.65	< 0.005	0.08	—	0.08	0.07	—	0.07	—	362	362	0.01	< 0.005	—	363
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.34	0.30	< 0.005	0.01	—	0.01	0.01	—	0.01	—	59.9	59.9	< 0.005	< 0.005	—	60.1
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	1.69	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	288	288	0.01	0.01	1.15	292
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.4	31.4	< 0.005	< 0.005	0.09	32.9
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.11	1.28	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	264	264	0.01	0.01	0.03	267
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.4	31.4	< 0.005	< 0.005	< 0.005	32.8
Hauling	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	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.7	14.7	< 0.005	< 0.005	0.03	14.9
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.72	1.72	< 0.005	< 0.005	< 0.005	1.80
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.43	2.43	< 0.005	< 0.005	< 0.005	2.46
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	< 0.005	0.30
Hauling	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	0.00

3.7. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.55	1.30	12.2	14.2	0.03	0.54	—	0.54	0.49	—	0.49	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.18	1.64	1.92	< 0.005	0.07	—	0.07	0.07	—	0.07	—	355	355	0.01	< 0.005	—	356
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	0.03	0.30	0.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	58.8	58.8	< 0.005	< 0.005	—	59.0
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.15	1.66	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	343	343	0.02	0.01	0.04	347
Vendor	0.03	0.01	0.30	0.16	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	251	251	0.02	0.04	0.02	263
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.24	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	47.0	47.0	< 0.005	< 0.005	0.09	47.6
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	33.9	33.9	< 0.005	0.01	0.04	35.5
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.77	7.77	< 0.005	< 0.005	0.01	7.88
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.61	5.61	< 0.005	< 0.005	0.01	5.87
Hauling	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	0.00

3.9. Building Construction (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.45	1.21	11.3	14.1	0.03	0.47	—	0.47	0.43	—	0.43	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.45	1.21	11.3	14.1	0.03	0.47	—	0.47	0.43	—	0.43	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.68	0.57	5.29	6.62	0.01	0.22	—	0.22	0.20	—	0.20	—	1,230	1,230	0.05	0.01	—	1,234
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.97	1.21	< 0.005	0.04	—	0.04	0.04	—	0.04	—	204	204	0.01	< 0.005	—	204
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.11	2.02	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	366	366	0.02	0.01	1.36	372
Vendor	0.02	0.01	0.27	0.15	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	247	247	0.02	0.04	0.69	259
Hauling	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	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.13	1.53	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	336	336	0.02	0.01	0.04	340
Vendor	0.02	0.01	0.29	0.15	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	247	247	0.02	0.04	0.02	259
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.06	0.75	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	159	159	0.01	0.01	0.27	161
Vendor	0.01	< 0.005	0.13	0.07	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	0.01	0.02	0.14	121
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	26.4	26.4	< 0.005	< 0.005	0.05	26.7
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.1	19.1	< 0.005	< 0.005	0.02	20.0
Hauling	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	0.00

3.11. Paving (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.95	0.80	7.45	9.98	0.01	0.35	—	0.35	0.32	—	0.32	—	1,511	1,511	0.06	0.01	—	1,517
Paving	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.41	0.55	< 0.005	0.02	—	0.02	0.02	—	0.02	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	1.17	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	211	211	0.01	0.01	0.78	215
Vendor	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	0.00
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.02	10.9
Vendor	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	0.00
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.78	1.78	< 0.005	< 0.005	< 0.005	1.81
Vendor	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	0.00
Hauling	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	0.00

3.13. Architectural Coating (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.17	1.18	1.52	< 0.005	0.04	—	0.04	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	10.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.10	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.6	14.6	< 0.005	< 0.005	—	14.7
Architectural Coatings	—	0.88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.42	2.42	< 0.005	< 0.005	—	2.43
Architectural Coatings	—	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.40	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	73.2	73.2	< 0.005	< 0.005	0.27	74.3
Vendor	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	0.00
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.60	5.60	< 0.005	< 0.005	0.01	5.68
Vendor	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	0.00
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.93	0.93	< 0.005	< 0.005	< 0.005	0.94
Vendor	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	0.00
Hauling	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	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	8/1/2024	9/11/2024	5.00	30.0	20
Site Preparation	Site Preparation	9/12/2024	9/25/2024	5.00	10.0	5
Grading	Grading	9/26/2024	10/23/2024	5.00	20.0	8
Building Construction	Building Construction	10/24/2024	8/27/2025	5.00	220	230
Paving	Paving	7/31/2025	8/27/2025	5.00	20.0	18
Architectural Coating	Architectural Coating	7/17/2025	8/27/2025	5.00	30.0	18

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40

Site Preparation	Crawler Tractors	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Crawler Tractors	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	1.00	10.2	HHDT,MHDT
Demolition	Hauling	9.60	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2

Site Preparation	Vendor	0.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	1.00	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	26.0	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	8.00	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	5.20	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	92,801	30,934	7,268

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	25,000	—
Site Preparation	—	—	35.0	0.00	—
Grading	—	—	80.0	0.00	—
Paving	0.00	0.00	0.00	0.00	2.78

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Industrial Park	0.00	0%
Parking Lot	0.90	100%
Other Asphalt Surfaces	1.88	100%
User Defined Industrial	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
2025	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	19.8	annual days of extreme heat
Extreme Precipitation	4.05	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	84.6
AQ-PM	98.2
AQ-DPM	94.5

Drinking Water	93.3
Lead Risk Housing	22.4
Pesticides	34.9
Toxic Releases	83.5
Traffic	85.4
Effect Indicators	—
CleanUp Sites	88.1
Groundwater	60.6
Haz Waste Facilities/Generators	93.9
Impaired Water Bodies	43.8
Solid Waste	83.3
Sensitive Population	—
Asthma	61.6
Cardio-vascular	82.1
Low Birth Weights	56.1
Socioeconomic Factor Indicators	—
Education	71.6
Housing	51.4
Linguistic	58.2
Poverty	47.3
Unemployment	92.6

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	42.07622225

Employed	49.30065443
Median HI	32.60618504
Education	—
Bachelor's or higher	10.88156037
High school enrollment	100
Preschool enrollment	1.873476197
Transportation	—
Auto Access	33.77389965
Active commuting	11.89529065
Social	—
2-parent households	89.77287309
Voting	48.35108431
Neighborhood	—
Alcohol availability	44.18067496
Park access	9.70101373
Retail density	93.04504042
Supermarket access	21.12151931
Tree canopy	18.42679328
Housing	—
Homeownership	49.89092776
Housing habitability	60.20787887
Low-inc homeowner severe housing cost burden	26.43397921
Low-inc renter severe housing cost burden	91.81316566
Uncrowded housing	22.82817914
Health Outcomes	—
Insured adults	47.32452201
Arthritis	11.9

Asthma ER Admissions	41.5
High Blood Pressure	31.6
Cancer (excluding skin)	22.7
Asthma	34.7
Coronary Heart Disease	12.2
Chronic Obstructive Pulmonary Disease	20.5
Diagnosed Diabetes	27.5
Life Expectancy at Birth	37.4
Cognitively Disabled	80.8
Physically Disabled	10.4
Heart Attack ER Admissions	2.5
Mental Health Not Good	42.4
Chronic Kidney Disease	20.1
Obesity	41.7
Pedestrian Injuries	68.3
Physical Health Not Good	35.8
Stroke	22.5
Health Risk Behaviors	—
Binge Drinking	48.9
Current Smoker	43.7
No Leisure Time for Physical Activity	41.3
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	62.5
Elderly	16.2
English Speaking	89.3

Foreign-born	46.0
Outdoor Workers	59.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	33.2
Traffic Density	84.7
Traffic Access	23.0
Other Indices	—
Hardship	63.9
Other Decision Support	—
2016 Voting	63.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	96.0
Healthy Places Index Score for Project Location (b)	30.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Data provided by client Building, Paving, and Architectural Coating overlap to present a conservative analysis
Construction: Off-Road Equipment	T/L/B replaced with Crawler Tractor to accurately calculate disturbance for Site Preparation and Grading phases. Standard 8 hours work days
Construction: Trips and VMT	Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Demolition, Site Preparation, Grading, and Building Construction
Construction: Architectural Coatings	SCAQMD Rule 1113

ATTACHMENT B

CALEEMOD PROPOSED OPERATION EMISSIONS MODEL OUTPUTS

15067 - 2042 S Grove Ave (Proposed) Detailed Report

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5.15. Operational Off-Road Equipment

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15067 - 2042 S Grove Ave (Proposed)
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	20.8
Location	2042 S Grove Ave, Ontario, CA 91761, USA
County	San Bernardino-South Coast
City	Ontario
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5296
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.13

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Industrial Park	61.9	1000sqft	1.42	61,867	23,452	—	—	—

Parking Lot	100	Space	0.90	0.00	0.00	—	—	—
Other Asphalt Surfaces	1.88	Acre	1.88	0.00	0.00	—	—	—
User Defined Industrial	61.9	User Defined Unit	0.00	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.81	2.97	2.50	14.1	0.04	0.07	0.98	1.05	0.07	0.18	0.25	68.8	5,204	5,272	7.29	0.34	17.7	5,575
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.27	2.47	2.60	9.69	0.03	0.06	0.98	1.05	0.06	0.18	0.25	68.8	5,029	5,098	7.29	0.35	6.09	5,390
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.52	2.71	2.53	11.3	0.03	0.07	0.92	0.99	0.06	0.17	0.24	68.8	4,870	4,938	7.28	0.33	10.6	5,230
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.28	0.49	0.46	2.06	0.01	0.01	0.17	0.18	0.01	0.03	0.04	11.4	806	818	1.21	0.06	1.76	866

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.28	1.09	2.02	11.0	0.03	0.03	0.98	1.01	0.03	0.18	0.21	—	3,489	3,489	0.19	0.26	11.9	3,584
Area	0.48	1.86	0.02	2.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.1	11.1	< 0.005	< 0.005	—	11.1
Energy	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,608	1,608	0.15	0.01	—	1,616
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Waste	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Total	1.81	2.97	2.50	14.1	0.04	0.07	0.98	1.05	0.07	0.18	0.25	68.8	5,204	5,272	7.29	0.34	17.7	5,575
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.22	1.03	2.15	9.30	0.03	0.03	0.98	1.01	0.03	0.18	0.21	—	3,326	3,326	0.19	0.27	0.31	3,411
Area	—	1.42	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,608	1,608	0.15	0.01	—	1,616
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Waste	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Total	1.27	2.47	2.60	9.69	0.03	0.06	0.98	1.05	0.06	0.18	0.25	68.8	5,029	5,098	7.29	0.35	6.09	5,390
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.14	0.96	2.05	9.08	0.03	0.03	0.92	0.95	0.03	0.17	0.20	—	3,159	3,159	0.18	0.25	4.84	3,243
Area	0.33	1.72	0.02	1.84	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.58	7.58	< 0.005	< 0.005	—	7.61
Energy	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,608	1,608	0.15	0.01	—	1,616
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Waste	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Total	1.52	2.71	2.53	11.3	0.03	0.07	0.92	0.99	0.06	0.17	0.24	68.8	4,870	4,938	7.28	0.33	10.6	5,230
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.21	0.18	0.37	1.66	0.01	0.01	0.17	0.17	< 0.005	0.03	0.04	—	523	523	0.03	0.04	0.80	537
Area	0.06	0.31	< 0.005	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.25	1.25	< 0.005	< 0.005	—	1.26
Energy	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	266	266	0.02	< 0.005	—	268
Water	—	—	—	—	—	—	—	—	—	—	—	4.54	15.7	20.3	0.47	0.01	—	35.3
Waste	—	—	—	—	—	—	—	—	—	—	—	6.85	0.00	6.85	0.68	0.00	—	23.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.96	0.96
Total	0.28	0.49	0.46	2.06	0.01	0.01	0.17	0.18	0.01	0.03	0.04	11.4	806	818	1.21	0.06	1.76	866

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	1.13	1.05	0.53	10.2	0.02	0.01	0.75	0.76	0.01	0.13	0.14	—	2,076	2,076	0.08	0.05	7.41	2,101
Parking Lot	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	0.00
Other Asphalt Surfaces	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	0.00

User Defined Industrial	0.15	0.04	1.49	0.87	0.01	0.02	0.23	0.25	0.02	0.05	0.07	—	1,414	1,414	0.11	0.21	4.48	1,483
Total	1.28	1.09	2.02	11.0	0.03	0.03	0.98	1.01	0.03	0.18	0.21	—	3,489	3,489	0.19	0.26	11.9	3,584
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	1.07	0.99	0.59	8.43	0.02	0.01	0.75	0.76	0.01	0.13	0.14	—	1,912	1,912	0.09	0.06	0.19	1,932
Parking Lot	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	0.00
Other Asphalt Surfaces	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	0.00
User Defined Industrial	0.15	0.04	1.56	0.87	0.01	0.02	0.23	0.25	0.02	0.05	0.07	—	1,414	1,414	0.11	0.21	0.12	1,479
Total	1.22	1.03	2.15	9.30	0.03	0.03	0.98	1.01	0.03	0.18	0.21	—	3,326	3,326	0.19	0.27	0.31	3,411
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	0.18	0.17	0.10	1.51	< 0.005	< 0.005	0.13	0.13	< 0.005	0.02	0.02	—	302	302	0.01	0.01	0.50	306
Parking Lot	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	0.00
Other Asphalt Surfaces	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	0.00
User Defined Industrial	0.03	0.01	0.27	0.15	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	221	221	0.02	0.03	0.30	231
Total	0.21	0.18	0.37	1.66	0.01	0.01	0.17	0.17	< 0.005	0.03	0.04	—	523	523	0.03	0.04	0.80	537

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	1,031	1,031	0.10	0.01	—	1,037
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	32.8	32.8	< 0.005	< 0.005	—	33.0
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,064	1,064	0.10	0.01	—	1,070
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	1,031	1,031	0.10	0.01	—	1,037
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	32.8	32.8	< 0.005	< 0.005	—	33.0
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,064	1,064	0.10	0.01	—	1,070
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	171	171	0.02	< 0.005	—	172
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	5.43	5.43	< 0.005	< 0.005	—	5.46
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	176	176	0.02	< 0.005	—	177

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	544	544	0.05	< 0.005	—	546
Parking Lot	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
Other Asphalt Surfaces	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
User Defined Industrial	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
Total	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	544	544	0.05	< 0.005	—	546
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Industrial Park	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	544	544	0.05	< 0.005	—	546
Parking Lot	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
Other Asphalt Surfaces	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
User Defined Industrial	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
Total	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	544	544	0.05	< 0.005	—	546
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	90.1	90.1	0.01	< 0.005	—	90.3
Parking Lot	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
Other Asphalt Surfaces	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
User Defined Industrial	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
Total	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	90.1	90.1	0.01	< 0.005	—	90.3

4.3. Area Emissions by Source

4.3.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.48	0.44	0.02	2.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.1	11.1	< 0.005	< 0.005	—	11.1
Total	0.48	1.86	0.02	2.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.1	11.1	< 0.005	< 0.005	—	11.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	1.42	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.06	0.06	< 0.005	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.25	1.25	< 0.005	< 0.005	—	1.26
Total	0.06	0.31	< 0.005	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.25	1.25	< 0.005	< 0.005	—	1.26

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Industrial Park	—	—	—	—	—	—	—	—	—	—	—	4.54	15.7	20.3	0.47	0.01	—	35.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.54	15.7	20.3	0.47	0.01	—	35.3

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	6.85	0.00	6.85	0.68	0.00	—	23.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.85	0.00	6.85	0.68	0.00	—	23.9

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.96	0.96
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.96	0.96

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Industrial Park	286	230	227	98,391	2,810	2,259	2,230	966,820
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	18.0	14.5	14.3	6,194	517	416	410	177,885

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	92,801	30,934	7,268

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Industrial Park	1,079,696	349	0.0330	0.0040	1,697,632
Parking Lot	34,343	349	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	349	0.0330	0.0040	0.00
User Defined Industrial	0.00	349	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Industrial Park	14,306,744	376,619
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
User Defined Industrial	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Industrial Park	76.7	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
User Defined Industrial	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Industrial Park	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	19.8	annual days of extreme heat
Extreme Precipitation	4.05	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A

Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	84.6
AQ-PM	98.2
AQ-DPM	94.5
Drinking Water	93.3
Lead Risk Housing	22.4
Pesticides	34.9
Toxic Releases	83.5
Traffic	85.4
Effect Indicators	—
CleanUp Sites	88.1
Groundwater	60.6
Haz Waste Facilities/Generators	93.9
Impaired Water Bodies	43.8
Solid Waste	83.3
Sensitive Population	—
Asthma	61.6
Cardio-vascular	82.1
Low Birth Weights	56.1
Socioeconomic Factor Indicators	—
Education	71.6
Housing	51.4
Linguistic	58.2
Poverty	47.3

Unemployment	92.6

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	42.07622225
Employed	49.30065443
Median HI	32.60618504
Education	—
Bachelor's or higher	10.88156037
High school enrollment	100
Preschool enrollment	1.873476197
Transportation	—
Auto Access	33.77389965
Active commuting	11.89529065
Social	—
2-parent households	89.77287309
Voting	48.35108431
Neighborhood	—
Alcohol availability	44.18067496
Park access	9.70101373
Retail density	93.04504042
Supermarket access	21.12151931
Tree canopy	18.42679328
Housing	—
Homeownership	49.89092776

Housing habitability	60.20787887
Low-inc homeowner severe housing cost burden	26.43397921
Low-inc renter severe housing cost burden	91.81316566
Uncrowded housing	22.82817914
Health Outcomes	—
Insured adults	47.32452201
Arthritis	11.9
Asthma ER Admissions	41.5
High Blood Pressure	31.6
Cancer (excluding skin)	22.7
Asthma	34.7
Coronary Heart Disease	12.2
Chronic Obstructive Pulmonary Disease	20.5
Diagnosed Diabetes	27.5
Life Expectancy at Birth	37.4
Cognitively Disabled	80.8
Physically Disabled	10.4
Heart Attack ER Admissions	2.5
Mental Health Not Good	42.4
Chronic Kidney Disease	20.1
Obesity	41.7
Pedestrian Injuries	68.3
Physical Health Not Good	35.8
Stroke	22.5
Health Risk Behaviors	—
Binge Drinking	48.9
Current Smoker	43.7

No Leisure Time for Physical Activity	41.3
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	62.5
Elderly	16.2
English Speaking	89.3
Foreign-born	46.0
Outdoor Workers	59.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	33.2
Traffic Density	84.7
Traffic Access	23.0
Other Indices	—
Hardship	63.9
Other Decision Support	—
2016 Voting	63.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	96.0
Healthy Places Index Score for Project Location (b)	30.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Taken from site plan
Operations: Vehicle Data	Trip characteristics based on information provided in the Trip Generation
Operations: Fleet Mix	Passenger Car Mix estimated based on CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, MCY). Truck Fleet Mix based on 2, 3 and 4 axle trucks
Operations: Architectural Coatings	SCAQMD Rule 1113
Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater.

ATTACHMENT C

CALEEMOD PROPOSED OPERATIONAL LST EMISSIONS MODEL OUTPUTS

15067 - 2042 S Grove Ave (Proposed Operational LSTs) Detailed Report

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5.15. Operational Off-Road Equipment

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15067 - 2042 S Grove Ave (Proposed Operational LSTs)
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	20.8
Location	2042 S Grove Ave, Ontario, CA 91761, USA
County	San Bernardino-South Coast
City	Ontario
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5296
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.13

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Industrial Park	61.9	1000sqft	1.42	61,867	23,452	—	—	—

Parking Lot	100	Space	0.90	0.00	0.00	—	—	—
Other Asphalt Surfaces	1.88	Acre	1.88	0.00	0.00	—	—	—
User Defined Industrial	61.9	User Defined Unit	0.00	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.40	2.73	0.81	5.02	< 0.005	0.04	0.01	0.05	0.04	< 0.005	0.04	68.8	1,814	1,883	7.16	0.11	5.90	2,100
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.87	2.23	0.81	2.63	< 0.005	0.04	0.01	0.05	0.04	< 0.005	0.04	68.8	1,802	1,871	7.16	0.11	5.79	2,087
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.14	2.48	0.80	4.34	< 0.005	0.04	0.01	0.05	0.04	< 0.005	0.04	68.8	1,804	1,873	7.16	0.11	5.83	2,089
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.21	0.45	0.15	0.79	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	11.4	299	310	1.19	0.02	0.97	346

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.87	0.84	0.34	1.95	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	100	100	0.05	0.02	0.12	109
Area	0.48	1.86	0.02	2.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.1	11.1	< 0.005	< 0.005	—	11.1
Energy	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,608	1,608	0.15	0.01	—	1,616
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Waste	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Total	1.40	2.73	0.81	5.02	< 0.005	0.04	0.01	0.05	0.04	< 0.005	0.04	68.8	1,814	1,883	7.16	0.11	5.90	2,100
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.82	0.79	0.35	2.25	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	98.9	98.9	0.06	0.03	< 0.005	108
Area	—	1.42	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,608	1,608	0.15	0.01	—	1,616
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Waste	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Total	0.87	2.23	0.81	2.63	< 0.005	0.04	0.01	0.05	0.04	< 0.005	0.04	68.8	1,802	1,871	7.16	0.11	5.79	2,087
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.76	0.73	0.33	2.12	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	93.4	93.4	0.06	0.02	0.05	102
Area	0.33	1.72	0.02	1.84	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.58	7.58	< 0.005	< 0.005	—	7.61
Energy	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,608	1,608	0.15	0.01	—	1,616
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Waste	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Total	1.14	2.48	0.80	4.34	< 0.005	0.04	0.01	0.05	0.04	< 0.005	0.04	68.8	1,804	1,873	7.16	0.11	5.83	2,089
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.13	0.06	0.39	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.5	15.5	0.01	< 0.005	0.01	16.9
Area	0.06	0.31	< 0.005	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.25	1.25	< 0.005	< 0.005	—	1.26
Energy	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	266	266	0.02	< 0.005	—	268
Water	—	—	—	—	—	—	—	—	—	—	—	4.54	15.7	20.3	0.47	0.01	—	35.3
Waste	—	—	—	—	—	—	—	—	—	—	—	6.85	0.00	6.85	0.68	0.00	—	23.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.96	0.96
Total	0.21	0.45	0.15	0.79	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	11.4	299	310	1.19	0.02	0.97	346

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	0.85	0.83	0.17	1.80	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	74.4	74.4	0.04	0.02	0.10	81.7
Parking Lot	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	0.00
Other Asphalt Surfaces	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	0.00

User Defined Industrial	0.02	0.01	0.17	0.15	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	25.8	25.8	0.01	< 0.005	0.02	27.4
Total	0.87	0.84	0.34	1.95	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	100	100	0.05	0.02	0.12	109
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	0.80	0.78	0.18	2.09	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	72.9	72.9	0.05	0.02	< 0.005	80.4
Parking Lot	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	0.00
Other Asphalt Surfaces	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	0.00
User Defined Industrial	0.02	0.01	0.17	0.15	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	26.1	26.1	0.01	< 0.005	< 0.005	27.7
Total	0.82	0.79	0.35	2.25	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	98.9	98.9	0.06	0.03	< 0.005	108
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	0.14	0.13	0.03	0.36	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.4	11.4	0.01	< 0.005	0.01	12.6
Parking Lot	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	0.00
Other Asphalt Surfaces	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	0.00
User Defined Industrial	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.04	4.04	< 0.005	< 0.005	< 0.005	4.30
Total	0.14	0.13	0.06	0.39	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.5	15.5	0.01	< 0.005	0.01	16.9

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	1,031	1,031	0.10	0.01	—	1,037
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	32.8	32.8	< 0.005	< 0.005	—	33.0
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,064	1,064	0.10	0.01	—	1,070
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	1,031	1,031	0.10	0.01	—	1,037
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	32.8	32.8	< 0.005	< 0.005	—	33.0
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,064	1,064	0.10	0.01	—	1,070
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	171	171	0.02	< 0.005	—	172
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	5.43	5.43	< 0.005	< 0.005	—	5.46
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	176	176	0.02	< 0.005	—	177

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	544	544	0.05	< 0.005	—	546
Parking Lot	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
Other Asphalt Surfaces	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
User Defined Industrial	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
Total	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	544	544	0.05	< 0.005	—	546
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Industrial Park	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	544	544	0.05	< 0.005	—	546
Parking Lot	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
Other Asphalt Surfaces	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
User Defined Industrial	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
Total	0.05	0.03	0.46	0.38	< 0.005	0.03	—	0.03	0.03	—	0.03	—	544	544	0.05	< 0.005	—	546
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	90.1	90.1	0.01	< 0.005	—	90.3
Parking Lot	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
Other Asphalt Surfaces	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
User Defined Industrial	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
Total	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	90.1	90.1	0.01	< 0.005	—	90.3

4.3. Area Emissions by Source

4.3.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.48	0.44	0.02	2.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.1	11.1	< 0.005	< 0.005	—	11.1
Total	0.48	1.86	0.02	2.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.1	11.1	< 0.005	< 0.005	—	11.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	1.42	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.06	0.06	< 0.005	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.25	1.25	< 0.005	< 0.005	—	1.26
Total	0.06	0.31	< 0.005	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.25	1.25	< 0.005	< 0.005	—	1.26

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	27.4	94.9	122	2.82	0.07	—	213
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Industrial Park	—	—	—	—	—	—	—	—	—	—	—	4.54	15.7	20.3	0.47	0.01	—	35.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.54	15.7	20.3	0.47	0.01	—	35.3

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	41.3	0.00	41.3	4.13	0.00	—	145
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	6.85	0.00	6.85	0.68	0.00	—	23.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.85	0.00	6.85	0.68	0.00	—	23.9

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.78	5.78
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.96	0.96
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.96	0.96

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Industrial Park	286	230	227	98,391	37.2	29.9	29.5	12,791
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	18.0	14.5	14.3	6,194	2.34	1.88	1.86	805

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	92,801	30,934	7,268

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Industrial Park	1,079,696	349	0.0330	0.0040	1,697,632
Parking Lot	34,343	349	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	349	0.0330	0.0040	0.00
User Defined Industrial	0.00	349	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Industrial Park	14,306,744	376,619
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
User Defined Industrial	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Industrial Park	76.7	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
User Defined Industrial	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Industrial Park	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	19.8	annual days of extreme heat
Extreme Precipitation	4.05	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A

Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	84.6
AQ-PM	98.2
AQ-DPM	94.5
Drinking Water	93.3
Lead Risk Housing	22.4
Pesticides	34.9
Toxic Releases	83.5
Traffic	85.4
Effect Indicators	—
CleanUp Sites	88.1
Groundwater	60.6
Haz Waste Facilities/Generators	93.9
Impaired Water Bodies	43.8
Solid Waste	83.3
Sensitive Population	—
Asthma	61.6
Cardio-vascular	82.1
Low Birth Weights	56.1
Socioeconomic Factor Indicators	—
Education	71.6
Housing	51.4
Linguistic	58.2
Poverty	47.3

Unemployment	92.6

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	42.07622225
Employed	49.30065443
Median HI	32.60618504
Education	—
Bachelor's or higher	10.88156037
High school enrollment	100
Preschool enrollment	1.873476197
Transportation	—
Auto Access	33.77389965
Active commuting	11.89529065
Social	—
2-parent households	89.77287309
Voting	48.35108431
Neighborhood	—
Alcohol availability	44.18067496
Park access	9.70101373
Retail density	93.04504042
Supermarket access	21.12151931
Tree canopy	18.42679328
Housing	—
Homeownership	49.89092776

Housing habitability	60.20787887
Low-inc homeowner severe housing cost burden	26.43397921
Low-inc renter severe housing cost burden	91.81316566
Uncrowded housing	22.82817914
Health Outcomes	—
Insured adults	47.32452201
Arthritis	11.9
Asthma ER Admissions	41.5
High Blood Pressure	31.6
Cancer (excluding skin)	22.7
Asthma	34.7
Coronary Heart Disease	12.2
Chronic Obstructive Pulmonary Disease	20.5
Diagnosed Diabetes	27.5
Life Expectancy at Birth	37.4
Cognitively Disabled	80.8
Physically Disabled	10.4
Heart Attack ER Admissions	2.5
Mental Health Not Good	42.4
Chronic Kidney Disease	20.1
Obesity	41.7
Pedestrian Injuries	68.3
Physical Health Not Good	35.8
Stroke	22.5
Health Risk Behaviors	—
Binge Drinking	48.9
Current Smoker	43.7

No Leisure Time for Physical Activity	41.3
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	62.5
Elderly	16.2
English Speaking	89.3
Foreign-born	46.0
Outdoor Workers	59.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	33.2
Traffic Density	84.7
Traffic Access	23.0
Other Indices	—
Hardship	63.9
Other Decision Support	—
2016 Voting	63.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	96.0
Healthy Places Index Score for Project Location (b)	30.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Taken from site plan
Operations: Vehicle Data	Trip characteristics based on information provided in the Trip Generation
Operations: Fleet Mix	Passenger Car Mix estimated based on CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, MCY). Truck Fleet Mix based on 2, 3 and 4 axle trucks
Operations: Architectural Coatings	SCAQMD Rule 1113
Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater.

ATTACHMENT D

CALEEMOD TOP 2050 OPERATIONAL EMISSIONS MODEL OUTPUTS

15067 - 2042 S Grove Ave (TOP 2050) Detailed Report

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5.15. Operational Off-Road Equipment

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15067 - 2042 S Grove Ave (TOP 2050)
Operational Year	2023
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	20.8
Location	2042 S Grove Ave, Ontario, CA 91761, USA
County	San Bernardino-South Coast
City	Ontario
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5296
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.13

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Industrial Park	110	1000sqft	2.52	109,817	0.00	—	—	—

User Defined Industrial	110	User Defined Unit	0.00	0.00	0.00	—	—	—
Other Asphalt Surfaces	1.68	Acre	1.68	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.46	5.45	4.95	27.9	0.07	0.12	1.74	1.86	0.12	0.32	0.45	122	9,434	9,556	13.0	0.64	34.4	10,105
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.49	4.55	5.17	19.5	0.06	0.12	1.74	1.86	0.12	0.32	0.44	122	9,108	9,230	13.0	0.65	10.9	9,758
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.92	4.96	5.01	22.4	0.06	0.12	1.64	1.76	0.12	0.31	0.42	122	8,817	8,939	13.0	0.62	20.1	9,468
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.53	0.91	0.91	4.08	0.01	0.02	0.30	0.32	0.02	0.06	0.08	20.2	1,460	1,480	2.15	0.10	3.33	1,568

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.52	2.13	4.10	22.4	0.06	0.06	1.74	1.80	0.05	0.32	0.38	—	6,453	6,453	0.39	0.49	24.2	6,634
Area	0.85	3.28	0.04	4.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.6	19.6	< 0.005	< 0.005	—	19.7
Energy	0.09	0.04	0.81	0.68	< 0.005	0.06	—	0.06	0.06	—	0.06	—	2,796	2,796	0.26	0.02	—	2,810
Water	—	—	—	—	—	—	—	—	—	—	—	48.7	165	214	5.01	0.12	—	375
Waste	—	—	—	—	—	—	—	—	—	—	—	73.4	0.00	73.4	7.33	0.00	—	257
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.3	10.3
Total	3.46	5.45	4.95	27.9	0.07	0.12	1.74	1.86	0.12	0.32	0.45	122	9,434	9,556	13.0	0.64	34.4	10,105
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.40	2.01	4.36	18.8	0.06	0.06	1.74	1.80	0.05	0.32	0.38	—	6,147	6,147	0.40	0.50	0.63	6,307
Area	—	2.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.09	0.04	0.81	0.68	< 0.005	0.06	—	0.06	0.06	—	0.06	—	2,796	2,796	0.26	0.02	—	2,810
Water	—	—	—	—	—	—	—	—	—	—	—	48.7	165	214	5.01	0.12	—	375
Waste	—	—	—	—	—	—	—	—	—	—	—	73.4	0.00	73.4	7.33	0.00	—	257
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.3	10.3
Total	2.49	4.55	5.17	19.5	0.06	0.12	1.74	1.86	0.12	0.32	0.44	122	9,108	9,230	13.0	0.65	10.9	9,758
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.25	1.88	4.17	18.4	0.06	0.05	1.64	1.69	0.05	0.31	0.36	—	5,842	5,842	0.37	0.48	9.84	6,003
Area	0.58	3.04	0.03	3.27	< 0.005	< 0.005	—	< 0.005	0.01	—	0.01	—	13.5	13.5	< 0.005	< 0.005	—	13.5
Energy	0.09	0.04	0.81	0.68	< 0.005	0.06	—	0.06	0.06	—	0.06	—	2,796	2,796	0.26	0.02	—	2,810
Water	—	—	—	—	—	—	—	—	—	—	—	48.7	165	214	5.01	0.12	—	375
Waste	—	—	—	—	—	—	—	—	—	—	—	73.4	0.00	73.4	7.33	0.00	—	257
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.3	10.3

Total	2.92	4.96	5.01	22.4	0.06	0.12	1.64	1.76	0.12	0.31	0.42	122	8,817	8,939	13.0	0.62	20.1	9,468
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.41	0.34	0.76	3.36	0.01	0.01	0.30	0.31	0.01	0.06	0.07	—	967	967	0.06	0.08	1.63	994
Area	0.11	0.55	0.01	0.60	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.23	2.23	< 0.005	< 0.005	—	2.24
Energy	0.02	0.01	0.15	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	463	463	0.04	< 0.005	—	465
Water	—	—	—	—	—	—	—	—	—	—	—	8.06	27.3	35.4	0.83	0.02	—	62.1
Waste	—	—	—	—	—	—	—	—	—	—	—	12.2	0.00	12.2	1.21	0.00	—	42.5
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.70	1.70
Total	0.53	0.91	0.91	4.08	0.01	0.02	0.30	0.32	0.02	0.06	0.08	20.2	1,460	1,480	2.15	0.10	3.33	1,568

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	2.22	2.05	1.14	20.7	0.04	0.02	1.33	1.35	0.02	0.23	0.24	—	3,866	3,866	0.17	0.11	16.4	3,920
User Defined Industrial	0.30	0.07	2.97	1.70	0.02	0.04	0.41	0.45	0.04	0.10	0.13	—	2,587	2,587	0.22	0.38	7.72	2,714
Other Asphalt Surfaces	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	0.00
Total	2.52	2.13	4.10	22.4	0.06	0.06	1.74	1.80	0.05	0.32	0.38	—	6,453	6,453	0.39	0.49	24.2	6,634

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	2.10	1.94	1.26	17.1	0.04	0.02	1.33	1.35	0.02	0.23	0.24	—	3,560	3,560	0.18	0.12	0.43	3,600
User Defined Industrial	0.30	0.07	3.10	1.70	0.02	0.04	0.41	0.45	0.04	0.10	0.13	—	2,587	2,587	0.22	0.38	0.20	2,707
Other Asphalt Surfaces	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	0.00
Total	2.40	2.01	4.36	18.8	0.06	0.06	1.74	1.80	0.05	0.32	0.38	—	6,147	6,147	0.40	0.50	0.63	6,307
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	0.36	0.33	0.22	3.07	0.01	< 0.005	0.23	0.23	< 0.005	0.04	0.04	—	563	563	0.03	0.02	1.11	571
User Defined Industrial	0.05	0.01	0.54	0.29	< 0.005	0.01	0.07	0.08	0.01	0.02	0.02	—	404	404	0.03	0.06	0.52	423
Other Asphalt Surfaces	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	0.00
Total	0.41	0.34	0.76	3.36	0.01	0.01	0.30	0.31	0.01	0.06	0.07	—	967	967	0.06	0.08	1.63	994

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	1,831	1,831	0.17	0.02	—	1,841
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,831	1,831	0.17	0.02	—	1,841
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	1,831	1,831	0.17	0.02	—	1,841
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,831	1,831	0.17	0.02	—	1,841
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	303	303	0.03	< 0.005	—	305
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	303	303	0.03	< 0.005	—	305

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	0.09	0.04	0.81	0.68	< 0.005	0.06	—	0.06	0.06	—	0.06	—	966	966	0.09	< 0.005	—	968
User Defined Industrial	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
Other Asphalt Surfaces	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
Total	0.09	0.04	0.81	0.68	< 0.005	0.06	—	0.06	0.06	—	0.06	—	966	966	0.09	< 0.005	—	968
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	0.09	0.04	0.81	0.68	< 0.005	0.06	—	0.06	0.06	—	0.06	—	966	966	0.09	< 0.005	—	968
User Defined Industrial	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
Other Asphalt Surfaces	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
Total	0.09	0.04	0.81	0.68	< 0.005	0.06	—	0.06	0.06	—	0.06	—	966	966	0.09	< 0.005	—	968
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	0.02	0.01	0.15	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	160	160	0.01	< 0.005	—	160
User Defined Industrial	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
Other Asphalt Surfaces	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

Total	0.02	0.01	0.15	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	160	160	0.01	< 0.005	—	160

4.3. Area Emissions by Source

4.3.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.85	0.78	0.04	4.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.6	19.6	< 0.005	< 0.005	—	19.7
Total	0.85	3.28	0.04	4.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.6	19.6	< 0.005	< 0.005	—	19.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	2.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer	—	0.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.11	0.10	0.01	0.60	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.23	2.23	< 0.005	< 0.005	—	2.24
Total	0.11	0.55	0.01	0.60	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.23	2.23	< 0.005	< 0.005	—	2.24

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	48.7	165	214	5.01	0.12	—	375
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	48.7	165	214	5.01	0.12	—	375
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	48.7	165	214	5.01	0.12	—	375

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	48.7	165	214	5.01	0.12	—	375
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	8.06	27.3	35.4	0.83	0.02	—	62.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	8.06	27.3	35.4	0.83	0.02	—	62.1

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	73.4	0.00	73.4	7.33	0.00	—	257
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	73.4	0.00	73.4	7.33	0.00	—	257
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	73.4	0.00	73.4	7.33	0.00	—	257
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	73.4	0.00	73.4	7.33	0.00	—	257
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	12.2	0.00	12.2	1.21	0.00	—	42.5
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	12.2	0.00	12.2	1.21	0.00	—	42.5

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.3	10.3
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.3	10.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.3	10.3
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.3	10.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.70	1.70
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.70	1.70

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Industrial Park	508	410	404	174,894	4,992	4,025	3,974	1,718,574
User Defined Industrial	30.0	24.2	23.8	10,319	895	721	711	307,906
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	164,726	54,909	4,391

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Industrial Park	1,916,514	349	0.0330	0.0040	3,013,380
User Defined Industrial	0.00	349	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	349	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Industrial Park	25,395,181	0.00
User Defined Industrial	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Industrial Park	136	—
User Defined Industrial	0.00	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Industrial Park	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	19.8	annual days of extreme heat
Extreme Precipitation	4.05	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract

Exposure Indicators	—
AQ-Ozone	84.6
AQ-PM	98.2
AQ-DPM	94.5
Drinking Water	93.3
Lead Risk Housing	22.4
Pesticides	34.9
Toxic Releases	83.5
Traffic	85.4
Effect Indicators	—
CleanUp Sites	88.1
Groundwater	60.6
Haz Waste Facilities/Generators	93.9
Impaired Water Bodies	43.8
Solid Waste	83.3
Sensitive Population	—
Asthma	61.6
Cardio-vascular	82.1
Low Birth Weights	56.1
Socioeconomic Factor Indicators	—
Education	71.6
Housing	51.4
Linguistic	58.2
Poverty	47.3
Unemployment	92.6

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	42.07622225
Employed	49.30065443
Median HI	32.60618504
Education	—
Bachelor's or higher	10.88156037
High school enrollment	100
Preschool enrollment	1.873476197
Transportation	—
Auto Access	33.77389965
Active commuting	11.89529065
Social	—
2-parent households	89.77287309
Voting	48.35108431
Neighborhood	—
Alcohol availability	44.18067496
Park access	9.70101373
Retail density	93.04504042
Supermarket access	21.12151931
Tree canopy	18.42679328
Housing	—
Homeownership	49.89092776
Housing habitability	60.20787887
Low-inc homeowner severe housing cost burden	26.43397921
Low-inc renter severe housing cost burden	91.81316566
Uncrowded housing	22.82817914

Health Outcomes	—
Insured adults	47.32452201
Arthritis	11.9
Asthma ER Admissions	41.5
High Blood Pressure	31.6
Cancer (excluding skin)	22.7
Asthma	34.7
Coronary Heart Disease	12.2
Chronic Obstructive Pulmonary Disease	20.5
Diagnosed Diabetes	27.5
Life Expectancy at Birth	37.4
Cognitively Disabled	80.8
Physically Disabled	10.4
Heart Attack ER Admissions	2.5
Mental Health Not Good	42.4
Chronic Kidney Disease	20.1
Obesity	41.7
Pedestrian Injuries	68.3
Physical Health Not Good	35.8
Stroke	22.5
Health Risk Behaviors	—
Binge Drinking	48.9
Current Smoker	43.7
No Leisure Time for Physical Activity	41.3
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0

Children	62.5
Elderly	16.2
English Speaking	89.3
Foreign-born	46.0
Outdoor Workers	59.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	33.2
Traffic Density	84.7
Traffic Access	23.0
Other Indices	—
Hardship	63.9
Other Decision Support	—
2016 Voting	63.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	96.0
Healthy Places Index Score for Project Location (b)	30.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Trip characteristics based on information provided by trip generation
Operations: Fleet Mix	Passenger Car Mix estimated based on CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, MCY). Truck Fleet Mix based on 2, 3 and 4 axle trucks
Operations: Architectural Coatings	SCAQMD Rule 1113
Operations: Refrigerants	Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater.

ATTACHMENT E
CALEEMOD EXISTING MODEL OUTPUTS

15067 - 2042 S Grove Ave (Existing) Detailed Report

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5.15. Operational Off-Road Equipment

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	15067 - 2042 S Grove Ave (Existing)
Operational Year	2023
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	20.8
Location	2042 S Grove Ave, Ontario, CA 91761, USA
County	San Bernardino-South Coast
City	Ontario
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5296
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.13

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	25.0	1000sqft	0.57	25,000	0.00	—	—	—

User Defined Industrial	25.0	User Defined Unit	0.00	0.00	0.00	—	—	—
Other Asphalt Surfaces	3.63	Acre	3.63	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.75	2.18	3.98	15.1	0.04	0.07	1.40	1.47	0.07	0.29	0.35	23.7	4,500	4,524	2.54	0.26	28.8	4,693
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.49	1.93	4.20	12.2	0.04	0.07	1.40	1.47	0.07	0.29	0.35	23.7	4,338	4,362	2.55	0.26	0.75	4,505
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.59	2.02	4.20	13.0	0.04	0.07	1.38	1.44	0.07	0.28	0.35	23.7	4,292	4,316	2.55	0.26	12.2	4,469
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.29	0.37	0.77	2.38	0.01	0.01	0.25	0.26	0.01	0.05	0.06	3.93	711	715	0.42	0.04	2.02	740

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.55	1.40	3.85	13.9	0.04	0.06	1.40	1.46	0.06	0.29	0.34	—	4,196	4,196	0.11	0.23	28.8	4,295
Area	0.19	0.77	0.01	1.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.47	4.47	< 0.005	< 0.005	—	4.49
Energy	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	263	263	0.02	< 0.005	—	264
Water	—	—	—	—	—	—	—	—	—	—	—	11.1	37.6	48.7	1.14	0.03	—	85.3
Waste	—	—	—	—	—	—	—	—	—	—	—	12.7	0.00	12.7	1.27	0.00	—	44.3
Total	1.75	2.18	3.98	15.1	0.04	0.07	1.40	1.47	0.07	0.29	0.35	23.7	4,500	4,524	2.54	0.26	28.8	4,693
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.48	1.33	4.07	12.1	0.04	0.06	1.40	1.46	0.06	0.29	0.34	—	4,038	4,038	0.12	0.23	0.75	4,112
Area	—	0.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	263	263	0.02	< 0.005	—	264
Water	—	—	—	—	—	—	—	—	—	—	—	11.1	37.6	48.7	1.14	0.03	—	85.3
Waste	—	—	—	—	—	—	—	—	—	—	—	12.7	0.00	12.7	1.27	0.00	—	44.3
Total	1.49	1.93	4.20	12.2	0.04	0.07	1.40	1.47	0.07	0.29	0.35	23.7	4,338	4,362	2.55	0.26	0.75	4,505
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.44	1.30	4.07	12.2	0.04	0.06	1.38	1.43	0.05	0.28	0.34	—	3,989	3,989	0.12	0.23	12.2	4,073
Area	0.13	0.71	0.01	0.74	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.06	3.06	< 0.005	< 0.005	—	3.07
Energy	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	263	263	0.02	< 0.005	—	264
Water	—	—	—	—	—	—	—	—	—	—	—	11.1	37.6	48.7	1.14	0.03	—	85.3
Waste	—	—	—	—	—	—	—	—	—	—	—	12.7	0.00	12.7	1.27	0.00	—	44.3
Total	1.59	2.02	4.20	13.0	0.04	0.07	1.38	1.44	0.07	0.28	0.35	23.7	4,292	4,316	2.55	0.26	12.2	4,469
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.26	0.24	0.74	2.22	0.01	0.01	0.25	0.26	0.01	0.05	0.06	—	660	660	0.02	0.04	2.02	674

Area	0.02	0.13	< 0.005	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.51	0.51	< 0.005	< 0.005	—	0.51
Energy	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	43.5	43.5	< 0.005	< 0.005	—	43.7
Water	—	—	—	—	—	—	—	—	—	—	—	1.83	6.22	8.06	0.19	< 0.005	—	14.1
Waste	—	—	—	—	—	—	—	—	—	—	—	2.10	0.00	2.10	0.21	0.00	—	7.34
Total	0.29	0.37	0.77	2.38	0.01	0.01	0.25	0.26	0.01	0.05	0.06	3.93	711	715	0.42	0.04	2.02	740

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.14	1.05	0.58	10.6	0.02	0.01	0.68	0.69	0.01	0.12	0.13	—	1,986	1,986	0.09	0.06	8.45	2,014
User Defined Industrial	0.41	0.35	3.26	3.28	0.02	0.05	0.72	0.77	0.05	0.17	0.22	—	2,209	2,209	0.03	0.17	20.3	2,282
Other Asphalt Surfaces	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	0.00
Total	1.55	1.40	3.85	13.9	0.04	0.06	1.40	1.46	0.06	0.29	0.34	—	4,196	4,196	0.11	0.23	28.8	4,295
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	1.08	0.99	0.65	8.81	0.02	0.01	0.68	0.69	0.01	0.12	0.13	—	1,829	1,829	0.09	0.06	0.22	1,849
User Defined Industrial	0.40	0.34	3.42	3.24	0.02	0.05	0.72	0.77	0.05	0.17	0.22	—	2,209	2,209	0.03	0.17	0.53	2,262
Other Asphalt Surfaces	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	0.00
Total	1.48	1.33	4.07	12.1	0.04	0.06	1.40	1.46	0.06	0.29	0.34	—	4,038	4,038	0.12	0.23	0.75	4,112
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	0.19	0.18	0.12	1.64	< 0.005	< 0.005	0.12	0.12	< 0.005	0.02	0.02	—	301	301	0.01	0.01	0.59	305
User Defined Industrial	0.07	0.06	0.62	0.58	< 0.005	0.01	0.13	0.14	0.01	0.03	0.04	—	359	359	< 0.005	0.03	1.43	369
Other Asphalt Surfaces	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	0.00
Total	0.26	0.24	0.74	2.22	0.01	0.01	0.25	0.26	0.01	0.05	0.06	—	660	660	0.02	0.04	2.02	674

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	—	—	110	110	0.01	< 0.005	—	111
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	110	110	0.01	< 0.005	—	111
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	110	110	0.01	< 0.005	—	111
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	110	110	0.01	< 0.005	—	111
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	18.3	18.3	< 0.005	< 0.005	—	18.4
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	—	18.3	18.3	< 0.005	< 0.005	—	18.4

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	152	152	0.01	< 0.005	—	153
User Defined Industrial	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
Other Asphalt Surfaces	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
Total	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	152	152	0.01	< 0.005	—	153
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	152	152	0.01	< 0.005	—	153
User Defined Industrial	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
Other Asphalt Surfaces	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

Total	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	152	152	0.01	< 0.005	—	153
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.2	25.2	< 0.005	< 0.005	—	25.3
User Defined Industrial	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
Other Asphalt Surfaces	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
Total	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.2	25.2	< 0.005	< 0.005	—	25.3

4.3. Area Emissions by Source

4.3.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.19	0.18	0.01	1.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.47	4.47	< 0.005	< 0.005	—	4.49
Total	0.19	0.77	0.01	1.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.47	4.47	< 0.005	< 0.005	—	4.49

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.02	0.02	< 0.005	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.51	0.51	< 0.005	< 0.005	—	0.51
Total	0.02	0.13	< 0.005	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.51	0.51	< 0.005	< 0.005	—	0.51

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	—	11.1	37.6	48.7	1.14	0.03	—	85.3
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	11.1	37.6	48.7	1.14	0.03	—	85.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	11.1	37.6	48.7	1.14	0.03	—	85.3
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	11.1	37.6	48.7	1.14	0.03	—	85.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	1.83	6.22	8.06	0.19	< 0.005	—	14.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1.83	6.22	8.06	0.19	< 0.005	—	14.1

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	12.7	0.00	12.7	1.27	0.00	—	44.3
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	12.7	0.00	12.7	1.27	0.00	—	44.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	12.7	0.00	12.7	1.27	0.00	—	44.3

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	12.7	0.00	12.7	1.27	0.00	—	44.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	2.10	0.00	2.10	0.21	0.00	—	7.34
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.10	0.00	2.10	0.21	0.00	—	7.34

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	261	245	244	93,534	2,565	2,406	2,397	919,096
User Defined Industrial	109	102	102	39,062	1,666	1,562	1,557	596,860
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	37,500	12,500	9,477

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	115,468	349	0.0330	0.0040	475,267
User Defined Industrial	0.00	349	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	349	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	5,781,250	0.00
User Defined Industrial	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)

Unrefrigerated Warehouse-No Rail	23.5	—
User Defined Industrial	0.00	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	19.8	annual days of extreme heat
Extreme Precipitation	4.05	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A

Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	84.6
AQ-PM	98.2
AQ-DPM	94.5
Drinking Water	93.3
Lead Risk Housing	22.4
Pesticides	34.9
Toxic Releases	83.5
Traffic	85.4
Effect Indicators	—

CleanUp Sites	88.1
Groundwater	60.6
Haz Waste Facilities/Generators	93.9
Impaired Water Bodies	43.8
Solid Waste	83.3
Sensitive Population	—
Asthma	61.6
Cardio-vascular	82.1
Low Birth Weights	56.1
Socioeconomic Factor Indicators	—
Education	71.6
Housing	51.4
Linguistic	58.2
Poverty	47.3
Unemployment	92.6

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	42.07622225
Employed	49.30065443
Median HI	32.60618504
Education	—
Bachelor's or higher	10.88156037
High school enrollment	100
Preschool enrollment	1.873476197

Transportation	—
Auto Access	33.77389965
Active commuting	11.89529065
Social	—
2-parent households	89.77287309
Voting	48.35108431
Neighborhood	—
Alcohol availability	44.18067496
Park access	9.70101373
Retail density	93.04504042
Supermarket access	21.12151931
Tree canopy	18.42679328
Housing	—
Homeownership	49.89092776
Housing habitability	60.20787887
Low-inc homeowner severe housing cost burden	26.43397921
Low-inc renter severe housing cost burden	91.81316566
Uncrowded housing	22.82817914
Health Outcomes	—
Insured adults	47.32452201
Arthritis	11.9
Asthma ER Admissions	41.5
High Blood Pressure	31.6
Cancer (excluding skin)	22.7
Asthma	34.7
Coronary Heart Disease	12.2
Chronic Obstructive Pulmonary Disease	20.5

Diagnosed Diabetes	27.5
Life Expectancy at Birth	37.4
Cognitively Disabled	80.8
Physically Disabled	10.4
Heart Attack ER Admissions	2.5
Mental Health Not Good	42.4
Chronic Kidney Disease	20.1
Obesity	41.7
Pedestrian Injuries	68.3
Physical Health Not Good	35.8
Stroke	22.5
Health Risk Behaviors	—
Binge Drinking	48.9
Current Smoker	43.7
No Leisure Time for Physical Activity	41.3
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	62.5
Elderly	16.2
English Speaking	89.3
Foreign-born	46.0
Outdoor Workers	59.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	33.2
Traffic Density	84.7
Traffic Access	23.0

Other Indices	—
Hardship	63.9
Other Decision Support	—
2016 Voting	63.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	96.0
Healthy Places Index Score for Project Location (b)	30.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Taken from site plan
Operations: Vehicle Data	Trip characteristics provided by information based on trip generation

Operations: Fleet Mix	Passenger Car Mix estimated based on CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, MCY). Truck Fleet Mix based on 2, 3 and 4 axle trucks
Operations: Architectural Coatings	SCAQMD Rule 1113

BIOLOGICAL RESOURCES ASSESSMENT

GROVE AVENUE PROJECT

(APN 1050-491-11)

ONTARIO, CALIFORNIA

LSA

November 2023

BIOLOGICAL RESOURCES ASSESSMENT

GROVE AVENUE PROJECT

(APN 1050-491-11)

ONTARIO, CALIFORNIA

Prepared for:

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First Industrial, L.P.
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LSA Project No. ROU2201.2

November 2023

EXECUTIVE SUMMARY

On behalf of First Industrial Realty Trust, Inc., First Industrial, L.P., First, Industrial Acquisition II, LLC, and their Affiliates and Assigns, Roux Associates, Inc. retained LSA to conduct a Biological Resources Assessment for the Grove Avenue Project (project) on Assessor's Parcel Number 1050-491-11 in Ontario, San Bernardino County, California. The City of Ontario is the lead agency for the project, and this study is part of the environmental review process to comply with the California Environmental Quality Act. The assessment serves to update a previous biological resources assessment (LSA 2022) prepared for the project and includes an updated literature review, a field survey, and this report.

The project would have no effects to special-status species, including threatened and endangered species and critical habitat. The project site does not contain potential jurisdictional waters, wildlife corridors or nursery sites, or natural communities of concern. The project will not conflict with any local policies or ordinances and is not within an adopted habitat conservation plan.

The project site does provide suitable habitat for nesting birds protected under the California Fish and Game Code and the Migratory Bird Treaty Act. A pre-construction survey would be required to avoid project effects to nesting birds.

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LIST OF ABBREVIATIONS AND ACRONYMS

CESA	California Endangered Species Act
CDFW	California Department of Fish and Wildlife
CNDDB	California Natural Diversity Database
CWA	Clean Water Act
IPaC	(USFWS) Information for Planning and Consultation
NRCS	Natural Resources Conservation Service
project	Grove Avenue Project
RWQCB	Regional Water Quality Control Board
USACE	United States Army Corps of Engineers
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey

BIOLOGICAL RESOURCES ASSESSMENT

INTRODUCTION

On behalf of First Industrial Realty Trust, Inc., First Industrial, L.P., First, Industrial Acquisition II, LLC, and their Affiliates and Assigns, Roux Associates, Inc. retained LSA to conduct a Biological Resources Assessment for the Grove Avenue Project (project) (Assessor's Parcel Number 1050-491-11). The 4.2-acre project site is at 2042 S. Grove Avenue, Ontario, California, as depicted on the United States Geological Survey (USGS) *San Bernardino South, California* topographic quadrangle map in Section 32, Township 1 South, Range 7 West, San Bernardino Baseline and Meridian (USGS 1981) (see Figure 1; all figures are provided in Appendix A).

This biological resources assessment serves to update the previous biological resources assessment (LSA 2022) prepared for the project. Specifically, an updated literature review was conducted to address any new biological resources information.

METHODS

Literature Review

LSA conducted a literature review to assist in determining the existence or potential occurrence of special-status plant and animal species within a 1-mile radius of the project site. Database records for the *Ontario California,* and *Guasti California,* USGS 7.5-minute quadrangles were searched on November 9, 2023, using the California Department of Fish and Wildlife's (CDFW) California Natural Diversity Database (CNDDB) application *Rarefind 5* online edition (version 5.3.0). United States Fish and Wildlife Service (USFWS) listed species and designated critical habitat information were searched using the USFWS Information for Planning and Consultation (IPaC) system (accessed on November 9, 2023). Aerial photographs (Google Earth 2023) were also reviewed. Soil types were determined using the WebSoil Survey (Natural Resources Conservation Service [NRCS] Web Soil Survey version 3.4.0).

Reconnaissance Field Survey

LSA Biologist Denise Woodard conducted a general reconnaissance-level, pedestrian field survey on March 9, 2022, between the hours of 12:15 p.m. and 1:00 p.m. Weather conditions during the survey consisted of clear skies, with a temperature of 67degrees Fahrenheit, and mild winds. Ms. Woodard took notes on general site conditions, vegetation, and suitability of habitat for various special-status elements. Plant and animal species observed or otherwise detected are discussed below.

RESULTS

Existing Site Conditions

The project site is entirely developed with an existing industrial facility and is bounded on all sides by industrial and commercial development. The following discusses topography and soils, vegetation, and wildlife within the project site.

Topography and Soils

The topography of the project site is relatively flat, at an elevation of approximately 850 feet above mean sea level.

Soils on the project site are mapped as Tujunga loamy sand, 0 to 5 percent slopes. Surface soils are almost entirely absent due to existing industrial development.

Vegetation/Land Cover

The project site is developed by an existing industrial facility, including associated parking lots, stockpile areas and ornamental landscaping. The landscaping consists of ornamental trees and shrubs that primarily border the easterly edge of the project site along Grove Avenue. Ruderal vegetation was also noted along the stockpile areas on the southwesterly portion of the project site. Ruderal plant species identified include prickly lettuce (*Lactuca serriola*), golden crownbeard (*Verbesina encelioides*), common fiddleneck (*Amsinckia intermedia/retrorsa*), London rocket (*Sisymbrium irio*), nettleleaf goosefoot (*Chenopodium murale*), Russian thistle (*Salsola tragus*), Spanish clover (*Acmispon americanus*), tree tobacco (*Nicotiana glauca*) and mouse barley (*Hordeum murinum*).

Figure 2 shows vegetation/land cover and photograph locations; and Figure 3 provides site photographs.

Wildlife

Wildlife species observed during the field survey include two bird species that included Anna's hummingbird (*Calypte anna*), and yellow-rumped warbler (*Setophaga coronata*).

Special-Status Species

This section discusses special-status species observed or potentially occurring within the limits of the project site. Legal protection for special-status species varies widely, from the comprehensive protection extended to listed threatened/endangered species, to no legal status at present. The CDFW, USFWS, local agencies, and special-status groups publish watch lists of declining species. Species on watch lists can be included as part of the special-status species assessment. Species that are candidates for State and/or federal listing and species on watch lists are included in the special-status species list. Inclusion of species described in the special-status species analysis is based on the following criteria:

- Direct observation of the species or its sign on the project site or immediate vicinity during previous biological studies;
- Sighting by other qualified observers;
- Records reported by the CNDDB, published by the CDFW;
- Presence or location information for specific species provided by private groups; and/or

- Project site lies within known distribution of a given species and contains appropriate habitat.

Table A, below, summarizes special-status species known to occur in the region, along with their status, habitat and distribution, activity/bloom period, and probability of occurrence at the project site.

Table A: Special-Status Species Occurrence Probability

Species	Status	Habitat and Distribution	Activity Period	Occurrence Probability
Invertebrates				
Rhaphiomidas terminatus abdominalis **Delhi Sands flower-loving fly**	US: FE CA: SA	Restricted to Delhi series sands in western Riverside and San Bernardino counties.	Above-ground emergence July through September. Not visible during the rest of the year.	**Absent.** No Delhi soils exist at the project site; the project site is entirely developed.
Reptiles				
Anniella stebbinsi **Southern California legless lizard**	US: – CA: SSC	Inhabits sandy or loose loamy soils with high moisture content under sparse vegetation in Southern California.	Nearly year round, at least in southern areas	**Absent.** No suitable habitat; the project site is entirely developed.
Arizona elegans occidentalis **California glossy snake**	US: – CA: SSC	Scrub and grassland habitats, often with loose or sandy soils. Patchily distributed from the eastern portion of San Francisco Bay to the southern San Joaquin Valley and in non-desert areas of southern California. Also occurs in Baja California, Mexico.	Most active March through June (nocturnal)	**Absent** No suitable habitat; the project site is entirely developed.
Birds				
Athene cunicularia (burrow sites) **Burrowing owl**	US: – CA: SSC (breeding)	Open country in much of North and South America. Usually occupies ground squirrel burrows in open, dry grasslands, agricultural and range lands, railroad rights-of-way, and margins of highways, golf courses, and airports. Often utilizes man-made structures, such as earthen berms, cement culverts, cement, asphalt, rock, or wood debris piles. They avoid thick, tall vegetation, brush, and trees, but may occur in areas where brush or tree cover is less than 30 percent.	Year-round	**Absent.** No suitable habitat; the project site is entirely developed.
Laterallus jamaicensis coturniculus **California black rail**	US: – CA: ST/CFP	Requires shallow water in salt marshes, freshwater marshes, wet meadows, or flooded grassy vegetation. Prefers areas of moist soil vegetated by fine-stemmed emergent plants, rushes, grasses, or sedges, with scattered small pools. Known from coastal California, northwestern Baja California, the lower Imperial Valley, and the lower Colorado River of Arizona and California. Now extirpated from virtually all of coastal Southern California.	Year-round	**Absent.** No shallow water habitats exist at the project site; the project site is entirely developed.

Table A: Special-Status Species Occurrence Probability

Species	Status	Habitat and Distribution	Activity Period	Occurrence Probability
Mammals				
Antrozous pallidus **Pallid bat**	US: – CA: SSC	Most common in open, dry habitats with rocky areas for roosting. Day roosts in caves, crevices, rocky outcrops, tree hollows or crevices, mines and occasionally buildings, culverts, and bridges. Night roosts may be more open sites, such as porches and open buildings. Grasslands, shrublands, woodlands, and forest in western North America.	Year-round; nocturnal	**Absent.** No suitable day/night roosting habitats.
US: Federal Classifications				
FE	Listed as Endangered.			
CA: State Classifications				
ST	State-listed as Threatened.			
SSC	Species of Special Concern. Refers to animals with vulnerable or seriously declining populations.			
SA	Special Animal. Refers to any other animal monitored by the Natural Diversity Database, regardless of its legal or rarity status.			
CFP	California Fully Protected. Refers to animals protected from take under Fish and Game Code sections 3511, 4700, 5050, and 5515.			

Threatened and Endangered Species

Under provisions of Section 7(a)(2) of the federal Endangered Species Act, a federal agency that permits, licenses, funds, or otherwise authorizes a project activity must consult with the USFWS to ensure that its actions would not jeopardize the continued existence of any listed threatened or endangered species or destroy or adversely modify critical habitat. The USFWS designates as threatened or endangered species that are at risk of extinction and may also adopt recovery plans that identify specific areas that are essential to the conservation of a listed species. Critical habitat areas that may require special management considerations or protections can also be designated.

The California Endangered Species Act (CESA) is administered by the CDFW and prohibits the "take" of plant and animal species identified as either threatened or endangered in the State of California by the Fish and Game Commission (Fish and Game Code Sections 2050 to 2097). "Take" is defined as to hunt, pursue, catch, capture, or kill. Sections 2091 and 2081 of the CESA allow the CDFW to authorize exceptions to the prohibition of "take" of State-listed threatened or endangered plant and animal species for purposes such as public and private development. The CDFW requires formal consultation to ensure that a proposed project's actions would not jeopardize the continued existence of any listed species or destroy or adversely affect listed species' habitats.

As identified in Table A, two listed species, Delhi Sands flower-loving fly and California black rail have the potential to occur on the project site; however, the project site lacks suitable habitat for these two species because the project site is entirely developed. Therefore, the project would have no effects to threatened and endangered species.

No USFWS designated critical habitat is present on the project site. Therefore, the project would have no effects to designated critical habitat.

Non-Listed Special-Status Species

All five of the non-listed special-status species identified in Table A are considered absent due to a lack of suitable habitat caused by on-site development. These species have a limited population distribution in Southern California and development is further reducing their ranges and numbers. These species have no official State or federal protection status but require consideration under CEQA. The project would have no effects to non-listed special-status species.

Nesting Birds

The project site contains suitable habitat (ornamental trees and shrubs) for nesting bird species. Nesting birds are protected by California Fish and Game Code Sections 3503, 3503.5, and 3800, and by the Migratory Bird Treaty Act (16 United States Code 703–711). These laws regulate the take, possession, or destruction of the nest or eggs of any migratory bird or bird of prey.

To avoid potential effects to nesting birds, implementation of the following measure is recommended:

- Prior to construction activities, including vegetation removal, a pre-construction nesting bird survey will be conducted by a qualified biologist no more than 3 days prior to any construction activities and vegetation removal. Should nesting birds be found, an exclusionary buffer will be established by the qualified biologist. The buffer will be clearly marked in the field by construction personnel under guidance of the qualified biologist. No construction activities will be allowed within this zone until the qualified biologist determines that the young have fledged or the nest is no longer active.

Jurisdictional Waters

The United States Army Corps of Engineers (USACE) regulates discharges of dredged or fill material into waters of the United States. These waters include wetlands and non-wetland bodies of water that meet specific criteria, including a direct or indirect connection to interstate commerce. The USACE regulatory jurisdiction pursuant to Section 404 of the federal Clean Water Act (CWA) is founded on a connection, or nexus, between the water body in question and interstate commerce. This connection may be direct (through a tributary system linking a stream channel with traditional navigable waters used in interstate or foreign commerce), or it may be indirect (through a nexus identified in the USACE regulations). To be considered a jurisdictional wetland under Section 404, an area must possess three wetland characteristics, each with its unique set of mandatory wetland criteria: hydrophytic vegetation, hydric soils, and wetland hydrology.

The CDFW, under Sections 1600 through 1616 of the California Fish and Game Code, regulates alterations to lakes, rivers, and streams (defined by the presence of a channel bed and banks, and at least an intermittent flow of water) where fish or wildlife resources may be adversely affected.

The Regional Water Quality Control Board (RWQCB) is responsible for the administration of Section 401 of the CWA. Typically, the areas subject to jurisdiction of the RWQCB coincide with those of the USACE (i.e., waters of the United States, including any wetlands). The RWQCB may also assert

authority over "waters of the State" under waste discharge requirements pursuant to the Porter-Cologne Water Quality Control Act.

No potential jurisdictional waters were found on the project site. Therefore, the project would have no effects to potential jurisdictional waters.

Wildlife Movement, Corridors, and Nursery Sites

The project site and adjacent areas are entirely developed with industrial and commercial uses. As a result, the project site does not support regional wildlife movement or serve as a nursery site. Therefore, the project would have no impacts to regional wildlife movement or nursery sites.

Natural Communities of Concern

No natural communities of concern are present. Therefore, the project would have no impacts to natural communities of concern.

Local Policies and Ordinances

The project would not conflict with any local policies or ordinances applicable to biological resources.

Adopted Habitat Conservation Plans

The project site is not within an area associated with an adopted habitat conservation plan.

REFERENCES

California Department of Fish and Wildlife (CDFW). 2022. California Natural Diversity Database. RareFind 5 (Version 5.3.0). Website: https://www.wildlife.ca.gov/Data/CNDDB/ (accessed November 9, 2023).

Google Earth. 2023. Aerial photographs of the project site and surrounding areas (accessed November 9, 2022).

LSA. November 2022. Biological Resources Assessment for the Grove Avenue Project (APN 1050-491-11), Ontario California.

Natural Resources Conservation Service (NRCS). n.d. Web Soil Survey (Version 3.4.0). United States Department of Agriculture. Website: https://websoilsurvey.sc.egov.usda.gov/ (accessed November 9, 2023).

United States Fish and Wildlife Service (USFWS). 2023. Information for Planning and Consultation (IPaC). Website: https://ecos.fws.gov/ipac (accessed on November 9, 2023).

United State Geological Survey (USGS). 1981. *Ontario, California* and *Guasti, California* topographic quadrangle maps.

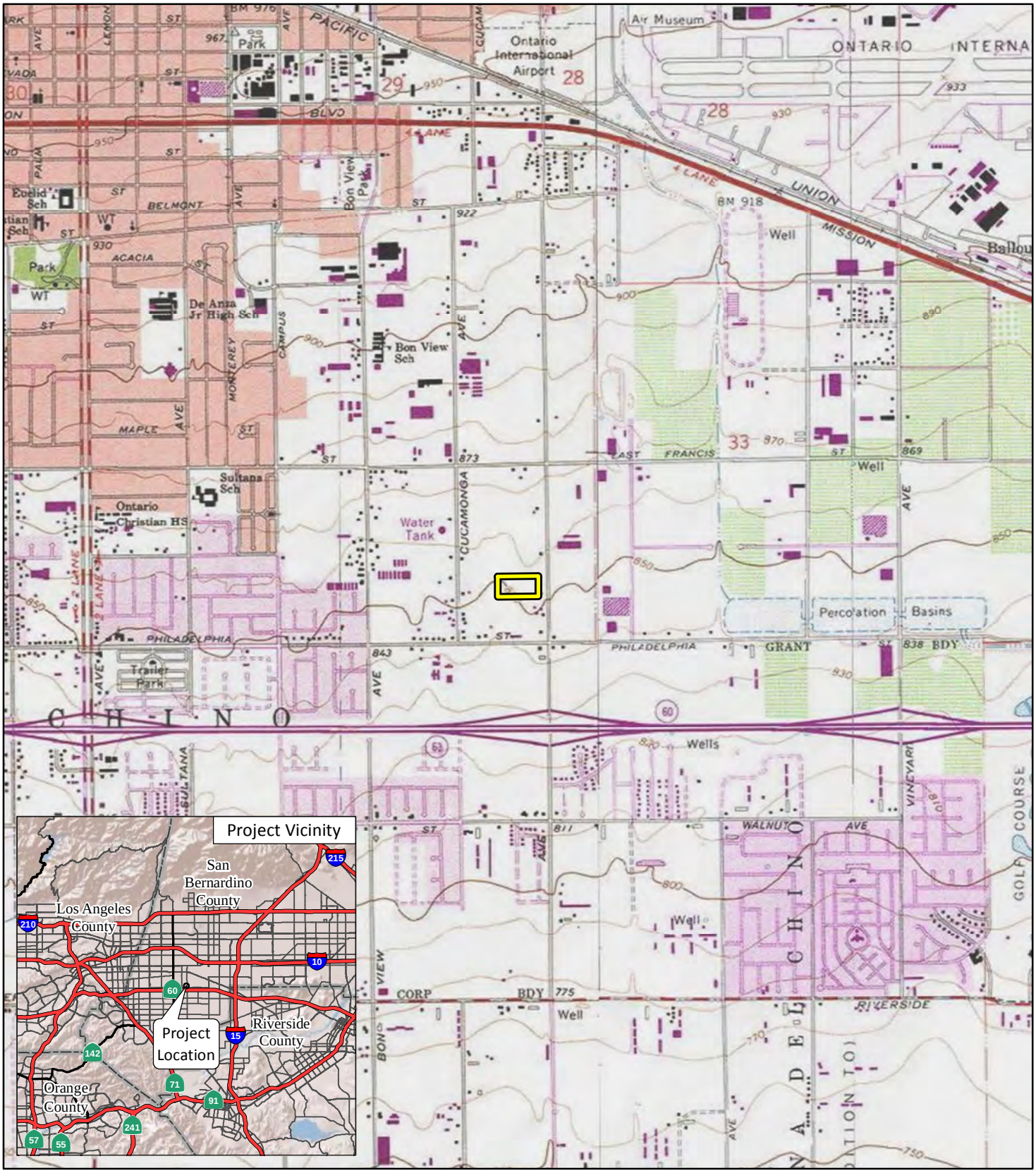
APPENDIX A

FIGURES 1–3

Figure 1: Regional and Project Location

Figure 2: Vegetation, Land Use, and Photograph Locations

Figure 3: Site Photographs



LSA

LEGEND

Project Location

FIGURE 1

N

0 1000 2000

FEET

Grove Avenue Project

Regional and Project Location

SOURCE: USGS 7.5' Quad - *Ontario* (1981): *Guasti* (1981), CA

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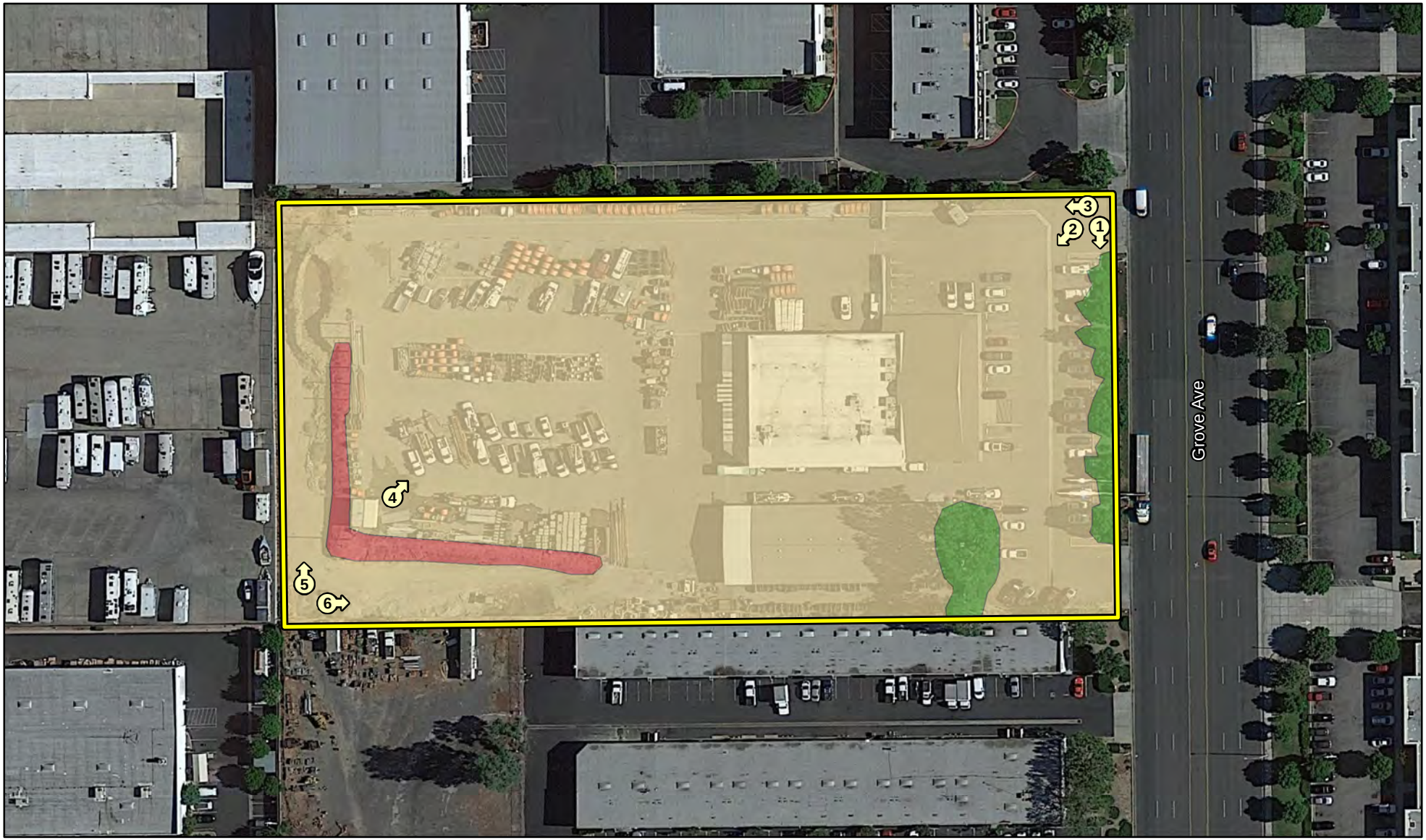

LSA

FIGURE 2

LEGEND

Project Location

Photograph Locations

Vegetation and Land Use

Developed

Ornamental

Ruderal

N

0 50 100

FEET

SOURCE: Google (2021)

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Grove Avenue Project

Vegetation, Land Use and Photograph Locations

1. Veiw of developed site conditions and ornamental trees and shrubs.

2. View of general site conditions.

3. View of general site conditions.

4. View of general site conditions.

LSA

FIGURE 3
Page 1 of 2

Grove Avenue Project
Site Photographs

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5. View of stockpile area and adjacent ruderal vegetation.

6. View of stockpile area and adjacent ruderal vegetation.

LSA

FIGURE 3
Page 2 of 2

Grove Avenue Project
Site Photographs

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PALEOWEST

T: 626.408.8006
info@paleowest.com

LOS ANGELES COUNTY
517 S. Ivy Avenue
Monrovia, CA 91016

December 1, 2022

First Industrial Realty Trust, Inc., First Industrial, L.P.,
First Industrial Acquisitions II, LLC, and their Affiliates and Assigns
c/o Peter Shimer, P.E.
Project Engineer
Roux Associates, Inc.
5150 E. Pacific Coast Highway, Suite 450
Long Beach, California 90804
Transmitted via email to pshimer@rouxinc.com

RE: Cultural Resource Constraints Analysis in Support of the 2042 South Grove Avenue Project in the City of Ontario, San Bernardino County, California

Dear Ms. Truong:

On behalf of First Industrial Realty Trust, Inc., First Industrial, L.P., First Industrial Acquisitions II, LLC and their affiliates and assigns, and at the request of Roux Associates, Inc. (Roux), PaleoWest, LLC (PaleoWest) conducted a cultural resource constraints analysis for the proposed 2042 South Grove Avenue Project (Project). The Project includes Assessor's Parcel Number 1050-491-11 which is a fully developed parcel consisting of approximately 4.2 acres at 2042 Grove South Avenue, city of Ontario, San Bernardino County, California (Exhibit A, Figure 1). The cultural resource constraints analysis consisted of a records search of the California Historical Resource Information System (CHRIS), a historical map and aerial photograph review, a site visit, and a Sacred Lands File (SLF) search by the Native American Heritage Commission (NAHC). This memorandum summarizes the results of the cultural resource constraints analysis efforts for the Project and has been prepared to support the environmental review under the California Environmental Quality Act (CEQA).

CHRIS Records Search

The CHRIS records search was conducted on April 6, 2022, by Michelle Galaz Cornforth, Assistant Coordinator at the South Central Coastal Information Center (SCCIC) housed at California State University, Fullerton. The records search included the Project area, as well as a one-mile (1-mile) buffer area (Exhibit A, Figure 2). The purpose of the records search was to identify any known cultural resources in the immediate vicinity of the Project area. The search also included a review of the Office of Historic Preservation Archaeological Determination of Eligibility (ADOE) and the Office of Historic Preservation Built Environment Resources Directory (BERD).

The records search indicated that 13 previous cultural resource studies have been conducted within one mile of the Project area (Table 1). None of these studies include or intersect the Project area. As such, the Project property does not appear to have been previously inventoried for cultural resources. The records search also indicated that no cultural resources have been documented within the Project area or within a one-mile buffer. Additionally, the Project property is not listed on the ADOE of the BERD.

Table 1
Previous Cultural Resource Studies within One Mile of the Project Area

Report No.	Year	Author(s)	Title
SB-00284	1975	Crowell, James P.	Archaeological - Historical Resources, Southwest Corner of Walnut Street and Grove Avenue, Ontario
SB-00285	1975	Crowell, James P.	Archaeological - Historical Resources Southwest Corner of Walnut Street and Cucamonga Avenue, Ontario
SB-00324	1976	Harris, Ruth D.	Archaeological - Historical Resources Assessment of Area Bounded by Philadelphia Street on the North, Baker Avenue on the East, Riverside Drive on the South, And Sultana Avenue on the West
SB-00385	1976	Hearn, Joseph E.	Archaeological - Historical Resources Assessment: Sec. 4, T2S R7W, Ontario
SB-03566	1999	Love, Bruce	Identification And Evaluation of Historic Property: Communications Facility 535.1, City of Ontario, San Bernardino County, California
SB-03584	1998	Brechbiel, Brant	Cultural Resource Records Search & Literature Review for A PBMS Telecommunications Facility: Cm 161-212, Ontario, California
SB-03901	2003	Harper, Caprice	Cultural Resource Assessment: Cingular Wireless Facility #Sb 245-01, Ontario, San Bernardino County, California
SB-04136	2002	Dahdul, Miriam	Identification & Evaluation of Historic Property: Philadelphia St Recycled Water Pipeline, City of Ontario, San Bernardino County, California
SB-05710	2006	EarthTouch, Inc.	Collocation ("Co") Submission Packet, FCC Form 621, Project Name: Orange Verizon, Project Number: LA-0721A
SB-05712	2006	Budinger, Fred E.	Proposed Wireless Antennas and Associated Equipment; Chino Collocation Site, 2132 S. Grove Avenue, Ontario, California, 91761
SB-06680	2004	Wayland, Brian	An Archaeological Survey Report for the Sawpit Emergency Fire Salvage Timber Operations Notice #3 Cedarpines Park San Bernardino County, California
SB-06932	2011	Bonner, Wayne H. and Sarah A. Williams	Cultural Resources Records Search and Site Visit Results for T-Mobile USA Candidate Ie24206-B (St. Elizabeth Ann), 2713 South Grove Avenue, Ontario, San Bernardino County, California
SB-08257	2016	Tang, Bai	Due-Diligence Historical/Archaeological Resources Study Inland Empire Utilities Agency Recharge Basin Maintenance Plan Chino Basin Area, San Bernardino and Riverside Counties, California CRM Tech Contract No. 2989

Historic Map and Aerial Imagery Review

A review of historical topographic maps and aerial photographs indicates that until at least 1973, the Project area was utilized for agricultural purposes and the development of the property was limited to a single structure within the southeastern portion of the Project area (NETROnline 2022). In a 1980 aerial image and as illustrated on the Ontario, CA (1981) 7.5-minute quadrangle, this structure is no longer extant (NETROnline 2022). Additionally, the property no longer appears to be used for agriculture and two other structures, that occupy the

areas where there are currently extant structures on the property, are visible in the 1980 aerial image. Additional records indicate that these two structures were built in 1979 (Spokeo.com 2022). The property owner indicated that one of these two structures, the southern building, was demolished and replaced with the current structure in 2002. As the two currently extant structures were constructed in 1979 and 2002, respectively, they do not meet the 45-year-old threshold suggested by the Office of Historic Preservation (1995) for surveying properties for significance.[1]

Site Visit

A site visit was conducted on March 2, 2022, by Gena Granger, Associate Archaeologist, to document, photograph, and assess the current condition of the proposed property as well as the current condition of any extant building(s) on the property. Most of the property is hardscaped with the exception of the western and southwestern edge of the Project where offsite soils have been temporarily staged. Two buildings occupy approximately one third of the parcel. The remainder of the property consists of a laydown storage area and paved parking lot for the tenant. No native soils were identified on the property.

During the site visit, Ms. Granger photographed the extant structures and noted the conditions on site. The two structures within the Project area are currently being used as office space, supply storage, and vehicle maintenance space.

Sacred Lands File Search

PaleoWest contacted the NAHC for a review of the SLF on February 25, 2022. The objective of the SLF search was to determine if the NAHC had any knowledge of Native American cultural resources (e.g., traditional use or gathering area, place of religious or sacred activity, etc.) within the immediate vicinity of the Project area. The NAHC responded on April 14, 2022, stating that the SLF was completed with negative results; however, the NAHC recommended that 11 Native American individuals representing 8 tribal groups be contacted to elicit information regarding cultural resource issues related to the proposed Project (see Exhibit B for a copy of the response letter received from the NAHC).

Summary

No previously documented cultural resources have been identified within the Project area. Additionally, the two structures identified within the property are not historic in age. Based on these findings, no cultural resources are anticipated to be impacted by the Project. However, PaleoWest recommends conducting outreach to local tribes to determine if sensitive Native American resources are located in the Project area.

[1] The OHP guidelines recognize a 45-year-old criteria threshold for documenting and evaluating cultural resources (OHP 1995:2). This guideline assumes a 5-year lag between resource identification and the date that planning decisions are made. The age threshold is an operational guideline and not specific to CEQA statutory or regulatory codes.

It has been a pleasure working with you on this Project. If you have any questions, please do not hesitate to contact the Project Manager at rthomas@paleowest.com.

Sincerely,

Gena Granger, M.A., RPA
Associate Archaeologist
PALEOWEST

Roberta Thomas, M.A., RPA
Senior Archaeologist/Project Manager
PALEOWEST

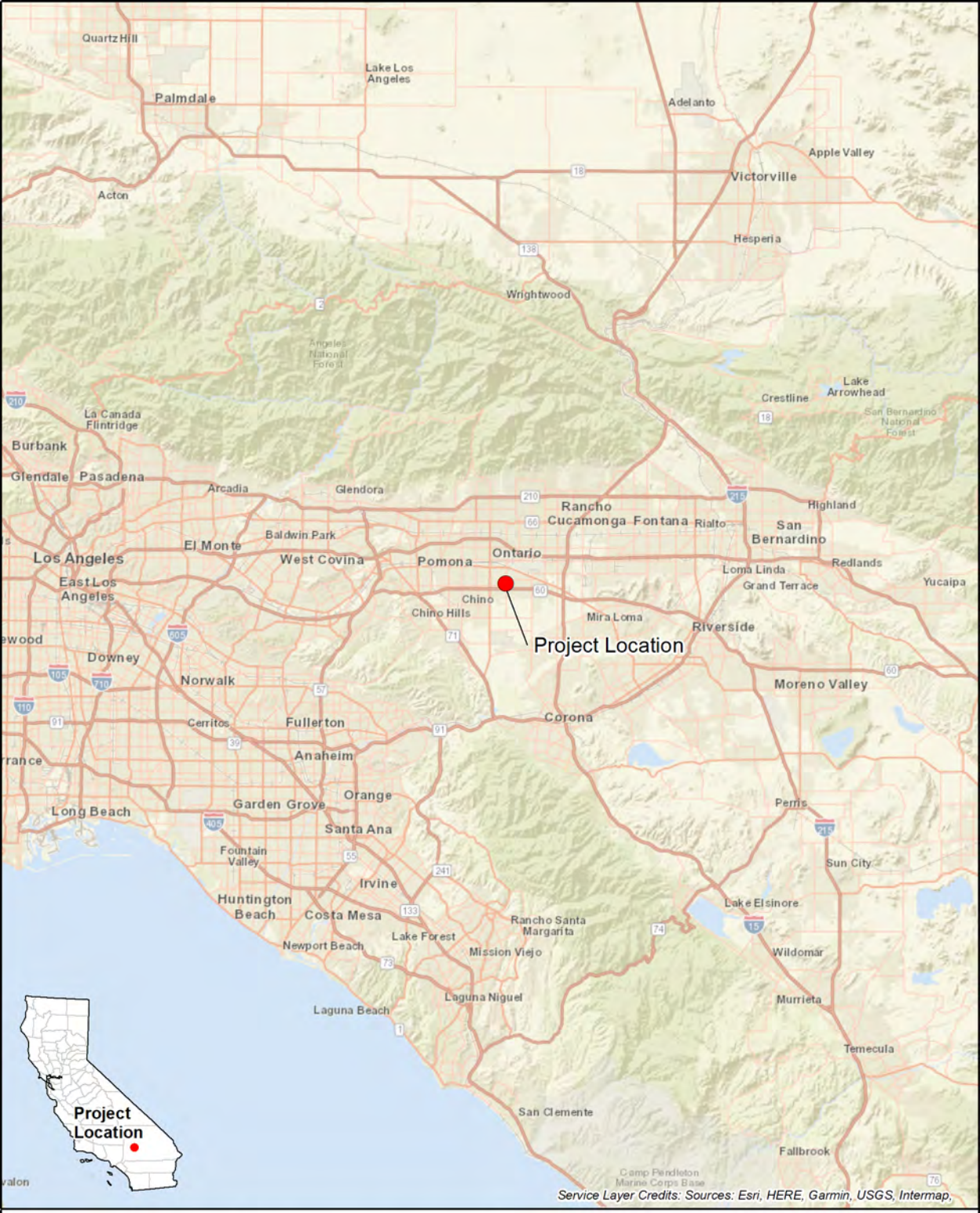
References

NETROnline (2022). Historic Aerials 1938, 1959, 1966, 1980, 2018. https://www.historicaerials.com/viewer.

Office of Historic Preservation (1995). Instruction for Recording Historical Resources. Available at https://scic.sdsu.edu/_resources/docs/manual95.pdf.

Spokeo.com (2022). 2042 S. Grove Avenue, Ontario, CA. Available at https://www.spokeo.com/CA/Ontario/2042-S-Grove-Ave. Accessed March 4, 2002.

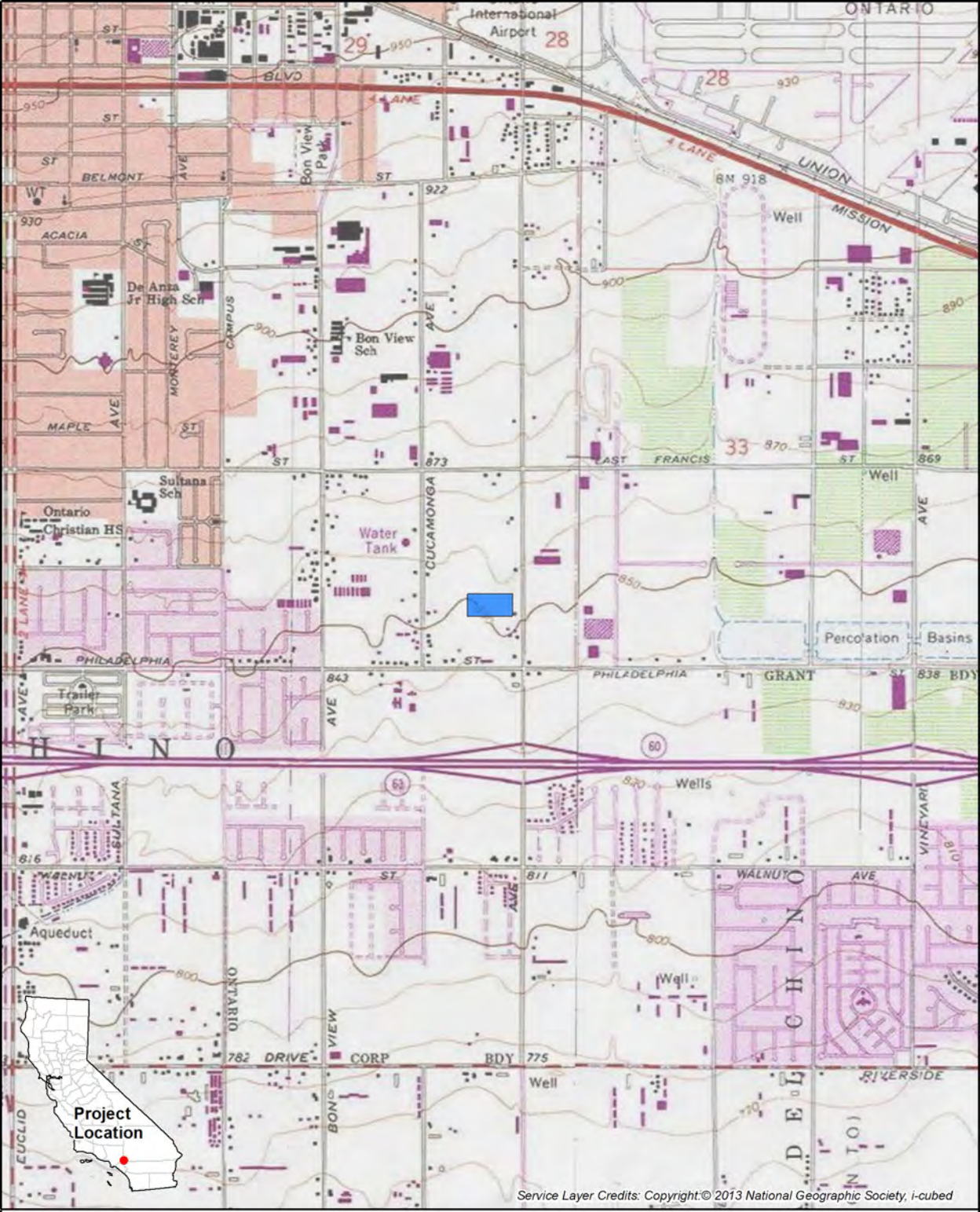
Exhibit A. Figures



PALEO WEST

0 20
Miles
0 25
Kilometers

Project Vicinity Map
USGS 7.5' Quadrangle:
Ontario, CA (1982)
Santa Ana Del Chino Land Grant
San Bernardino BM
UTM Zone 11, NAD 83



PALEO WEST

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0 Meters 1,600

Feet

1:24,000

Project Location Map
USGS 7.5' Quadrangle:
Ontario, CA (1982)
T1S, R7W, Sec 00
Santa Ana Del Chino Land Grant
San Bernardino BM
UTM Zone 11, NAD 83

Project Area

Exhibit B. Sacred Lands File Search Results
and Native American Contact List

NATIVE AMERICAN HERITAGE COMMISSION

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

April 14, 2022

Roberta Thomas
PaleoWest Archaeology

Via Email to: rthomas@paleowest.com

Re: 2042 S Grove Ave Cultural Constraints (22-0123) Project, San Bernardino County

Dear Ms. Thomas:

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

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

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

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

Sincerely,

Andrew Green

Andrew Green
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
San Bernardino County
4/14/2022

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

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

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

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

Gabrielino Tongva Indians of California Tribal Council
Christina Conley, Tribal Consultant and Administrator
P.O. Box 941078 Gabrielino
Simi Valley, CA, 93094
Phone: (626) 407 - 8761
christina.marsden@alumni.usc.edu

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

Quechan Tribe of the Fort Yuma Reservation
Manfred Scott, Acting Chairman
Kw'ts'an Cultural Committee
P.O. Box 1899 Quechan
Yuma, AZ, 85366
Phone: (928) 750 - 2516
scottmanfred@yahoo.com

Quechan Tribe of the Fort Yuma Reservation
Jill McCormick, Historic Preservation Officer
P.O. Box 1899 Quechan
Yuma, AZ, 85366
Phone: (760) 572 - 2423
historicpreservation@quechantribe.com

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

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

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

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed 2042 S Grove Ave Cultural Constraints (22-0123) Project, San Bernardino County.

GEOTECHNICAL INVESTIGATION
PROPOSED WAREHOUSE
2042 South Grove Avenue
Ontario, California
For
First Industrial Realty Trust, Inc.

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

April 19, 2022

First Industrial Realty Trust, Inc.
898 N. Pacific Coast Highway. STE 175
El Segundo, CA 90245

Attention: Mr. Michael Goodwin
Director of Development

Project No.: 22G105-1

Subject: Geotechnical Investigation
Proposed Warehouse
2042 South Grove Avenue
Ontario, California

Mr. Goodwin:

In accordance with your request, we have conducted a geotechnical investigation at the subject site. We are pleased to present this report summarizing the conclusions and recommendations developed from our investigation.

We sincerely appreciate the opportunity to be of service on this project. We look forward to providing additional consulting services during the course of the project. If we may be of further assistance in any manner, please contact our office.

Respectfully Submitted,

SOUTHERN CALIFORNIA GEOTECHNICAL, INC.

Jose A. Zuniga
Staff Engineer

Robert G. Trazo, GE 2655
Principal Engineer

REGISTERED PROFESSIONAL ENGINEER
ROBERT TRAZO
No. 2655
GEOTECHNICAL
STATE OF CALIFORNIA

Distribution: (1) Addressee

TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY

Presented below is a brief summary of the conclusions and recommendations of this investigation. Since this summary is not all inclusive, it should be read in complete context with the entire report.

Geotechnical Design Considerations

- Artificial fill soils were encountered at all of the boring locations, extending from the ground surface or beneath the pavements to depths of 3 to 8½± feet. These soils possess variable strengths and densities and are considered to represent undocumented fill soils based on their disturbed appearance. These soils, in their present condition, are not considered suitable for support of the foundations and floor slab of the new structure.
- Native alluvium was encountered beneath the fill soils at all of the boring locations. The near-surface native alluvial soils generally consist of sands, silty sands, and occasional sandy silts which possess medium dense to dense relative densities. The results of laboratory testing indicate that the near surface alluvial soils possess favorable consolidation characteristics.
- Remedial grading is considered warranted within the proposed building area, in order to remove the existing fill soils, any soils disturbed during demolition and stripping operations, and a portion of the near-surface, native alluvium.
- The on-site soils removed during remedial grading may be re-used as compacted structural fill.

Site Preparation Recommendations

- Demolition of the existing structures and pavements will be required in order to facilitate construction of the new building. Demolition should also include all utilities and any other subsurface improvements that will not remain in place for use with the new development. Debris resultant from demolition should be disposed of offsite. Alternatively, concrete and asphalt debris may be pulverized to a maximum 2-inch particle size, well mixed with the on-site soils, and incorporated into new structural fills.
- Initial site preparation should include removal of all vegetation, including tree root masses and any organic topsoil.
- Remedial grading is recommended within the proposed building pad area to remove the undocumented fill soils, which extend to depths of 3 to 8½± feet at the boring locations, in their entirety. The building pad area should also be overexcavated to a depth of at least 5 feet below existing grade and to a depth of at least 3 feet below proposed pad grade, whichever is greater. Overexcavation within the foundation areas is recommended to extend to a depth of at least 3 feet below proposed foundation bearing grade.
- The proposed building is located close to the southern property line. Specialized grading techniques, such as A-B-C slot cuts, and/or possibly shoring, may be required in order to complete the recommended remedial grading near the southern property line
- After overexcavation has been completed, the subgrade soils should be evaluated by the geotechnical engineer to identify any additional soils that should be overexcavated. The resulting subgrade should then be scarified to a depth of 12 inches, thoroughly moisture conditioned at least 0 to 4 percent above optimum moisture content and recompacted. The previously excavated soils may then be replaced as compacted structural fill.

- The new pavement and flatwork subgrade soils are recommended to be scarified to a depth of 12± inches, moisture conditioned and recompacted to at least 90 percent of the ASTM D-1557 maximum dry density.

Building Foundation Recommendations

- Conventional shallow foundations, supported in newly placed compacted fill.
- Maximum, net allowable soil bearing pressure: 2,500 lbs/ft^2.
- 1,500 lbs/ft^2 for new foundations within 5 feet of the property lines.
- Reinforcement consisting of at least two (2) No. 5 rebars (1 top and 1 bottom) in strip footings. Additional reinforcement may be necessary for structural considerations.

Building Floor Slab Design Recommendations

- Conventional Slab-on-Grade: minimum 6 inches thick.
- Modulus of Subgrade Reaction: k = 150 psi/in.
- Reinforcement is not expected to be necessary for geotechnical considerations. The actual thickness and reinforcement of the floor slab should be determined by the structural engineer.

Pavement Design Recommendations

ASPHALT PAVEMENTS (R=50)					
Materials	Thickness (inches)				
	Auto Parking and Auto Drive Lanes (TI = 4.0 to 5.0)	Truck Traffic			
		TI = 6.0	TI = 7.0	TI = 8.0	TI = 9.0
Asphalt Concrete	3	3½	4	5	5½
Aggregate Base	3	4	5	5	7
Compacted Subgrade	12	12	12	12	12

PORTLAND CEMENT CONCRETE PAVEMENTS (R=50)				
Materials	Thickness (inches)			
	Autos and Light Truck Traffic (TI = 6.0)	Truck Traffic		
		TI = 7.0	TI = 8.0	TI = 9.0
PCC	5	5½	6½	8
Compacted Subgrade (95% minimum compaction)	12	12	12	12

2.0 SCOPE OF SERVICES

The scope of services performed for this project was in accordance with our Proposal No. 22P106, dated January 10, 2022. The scope of services included a visual site reconnaissance, subsurface exploration, field and laboratory testing, and geotechnical engineering analysis to provide criteria for preparing the design of the building foundations, building floor slab, and parking lot pavements along with site preparation recommendations and construction considerations for the proposed development. The evaluation of the environmental aspects of this site was beyond the scope of services for this geotechnical investigation.

3.0 SITE AND PROJECT DESCRIPTION

3.1 Site Conditions

The subject site is located on the west side of South Grove Street, 610± feet north of the intersection of South Grove Street and East Philadelphia Street in Ontario, California. The site is also referenced by the street address 2042 South Grove Avenue. The site is bounded to the north by three commercial/industrial buildings, to the west by an industrial building, and to the south by a commercial/industrial development. The general location of the site is illustrated on the Site Location Map, included as Plate 1 of this report.

The site consists of a rectangular-shaped parcel, 4.12± acres in size. Based on our review of aerial photographs obtained from Google Earth, the site is developed with two buildings located in the eastern portion of the site. The northern building is approximately 15,000± ft² in size and the southern building is approximately 10,000± ft² in size. The buildings are surrounded by asphaltic concrete pavements in the parking/drive lane and product storage areas.

As a part of our research, we have performed a cursory review of readily available aerial photographs of the subject site from online sources. Based on our review, we understand that the site was utilized as agricultural land between the years of 1938 and 1966. The photographs from 1980 and 1987 indicate that portions of the site were developed with one (1) building located in the central area of the site. The photos between the years of 1994 and 2022 show the layout of the present development. Based on a photo from 2002 it appears that an existing localized depression, 26,000± ft^2 in area, is likely due to previous minor grading activity performed during the construction of the existing building. The elevation of the bottom of excavation is similar to the elevation of the building pad elevation of the parcel directly west of the subject site.

Detailed topographic information was not available at the time of this report. Based on elevations obtained from Google Earth and visual observations made at the time of the subsurface investigation, the central and eastern area of the site is relatively level with minor 1 to 2± foot elevation differences throughout. The west end of the parcel is undeveloped and includes the aforementioned depression which appears to be 6 to 9± feet below the existing building and parking lot areas of the parcel. A slope with an inclination of approximately 2H:1V descends to the aforementioned of 26,000± ft^2 depression that appears to be used as a material storage area.

3.2 Proposed Development

SCG was provided with site plan (Scheme 4) prepared by HPA Architecture. Based on the site plan, the site will be developed with one (1) warehouse. The warehouse will be located in the south-central area of the site and will be 60,000± ft² in size. Dock-high doors will be constructed along a portion of the west building wall. The building is assumed to be surrounded by asphaltic concrete pavements in the parking and drive areas, Portland cement concrete pavements in the truck court areas, and limited areas of concrete flatwork and landscape planters.

Detailed structural information has not been provided. It is assumed the building will be of tilt-up concrete construction, typically supported on conventional shallow foundations with a concrete slab-on-grade floor. Based on the assumed construction, maximum column and wall loads are expected to be on the order of 100 kips and 4 to 7 kips per linear foot, respectively.

No significant amounts of below grade construction, such as crawl spaces or new basements, are expected to be included in the proposed development. Based on the assumed topography, cuts and fills of up to 1 to 9± feet are expected to be necessary to achieve the proposed site grades.

4.0 SUBSURFACE EXPLORATION

4.1 Scope of Exploration/Sampling Methods

The subsurface exploration for this project consisted of five (5) borings at the site. Four (4) of the borings will be drilled within the proposed building area to depths of 20 to 25± feet. The one (1) remaining boring will be drilled to a depth of 20± feet within the proposed parking/drive lanes and/or proposed infiltration area. All of the borings were logged during drilling by a member of our staff.

The borings were advanced with hollow-stem augers, by a conventional truck-mounted drilling rig. Representative bulk and relatively undisturbed soil samples were taken during drilling. Relatively undisturbed soil samples were taken with a split barrel "California Sampler" containing a series of one inch long, 2.416± inch diameter brass rings. This sampling method is described in ASTM Test Method D-3550. In-situ samples were also taken using a 1.4± inch inside diameter split spoon sampler, in general accordance with ASTM D-1586. Both of these samplers are driven into the ground with successive blows of a 140-pound weight falling 30 inches. The blow counts obtained during driving are recorded for further analysis. Bulk samples were collected in plastic bags to retain their original moisture content. The relatively undisturbed ring samples were placed in molded plastic sleeves that were then sealed and transported to our laboratory.

The approximate locations of the borings are indicated on the Boring Location Plan, included as Plate 2 in Appendix A of this report. The Boring Logs, which illustrate the conditions encountered at the boring locations, as well as the results of some of the laboratory testing, are included in Appendix B

4.2 Geotechnical Conditions

Pavements

Asphaltic concrete pavements were encountered at the ground surface at all borings except Boring No. B-2, the pavement section consists of 3 to 4± inches of asphaltic concrete (AC) with no discernible aggregate base (AB).

Artificial Fill

Artificial Fill was encountered at the ground surface or beneath pavements, extending to depths of 3 to 8½± feet below ground surface. The fill soils generally consist of medium dense silty fine sands to fine sandy silts.

Alluvium

Native alluvium was encountered beneath the alluvium at all boring locations, extending to at least the maximum depth explored of 25± feet below ground surface. The alluvial soils generally consist of medium dense silty fine sands and fine sandy silts and medium dense to dense fine to coarse sands.

Groundwater

Free water was not encountered during the drilling of any of the borings. Based on the lack of any water within the borings and the moisture contents of the recovered soil samples, the static groundwater is considered to have existed at a depth in excess of 25± feet at the time of the subsurface exploration.

Recent water level data was obtained from the California State Water Resources Control Board, GeoTracker, website, https://geotracker.waterboards.ca.gov/. One monitoring well on record is located 393± feet southwest of the site. Water level readings within this monitoring well indicate a high groundwater level of 234± feet below the ground surface in July 2021.

5.0 LABORATORY TESTING

The soil samples recovered from the subsurface exploration were returned to our laboratory for further testing to determine selected physical and engineering properties of the soils. The tests are briefly discussed below. It should be noted that the test results are specific to the actual samples tested, and variations could be expected at other locations and depths.

Classification

All recovered soil samples were classified using the Unified Soil Classification System (USCS), in accordance with ASTM D-2488. Field identifications were then supplemented with additional visual classifications and/or by laboratory testing. The USCS classifications are shown on the Boring Logs and are periodically referenced throughout this report.

Dry Density and Moisture Content

The density has been determined for selected relatively undisturbed ring samples. These densities were determined in general accordance with the method presented in ASTM D-2937. The results are recorded as dry unit weight in pounds per cubic foot. The moisture contents are determined in accordance with ASTM D-2216, and are expressed as a percentage of the dry weight. These test results are presented on the Boring Logs.

Consolidation

Selected soil samples have been tested to determine their consolidation potential, in accordance with ASTM D-2435. The testing apparatus is designed to accept either natural or remolded samples in a one-inch-high ring, approximately 2.416 inches in diameter. Each sample is then loaded incrementally in a geometric progression and the resulting deflection is recorded at selected time intervals. Porous stones are in contact with the top and bottom of the sample to permit the addition or release of pore water. The samples are typically inundated with water at an intermediate load to determine their potential for collapse or heave. The results of the consolidation testing are plotted on Plates C-1 through C-4 in Appendix C of this report.

Direct Shear

Direct shear testing was performed on one selected soil sample to determine its shear strength parameters. The test was performed in accordance with ASTM D-3080. The testing apparatus is designed to accept either natural or remolded samples in a one-inch-high ring, approximately 2.416 inches in diameter. For tests on remolded soils, three samples of the same soil are prepared by remolding them to 90± percent compaction and near optimum moisture. Each of the three samples are then loaded with different normal loads and the resulting shear strength is determined for that particular normal load. The shearing of the samples is performed at a rate slow enough to permit the dissipation of excess pore water pressure. Porous stones are in contact with the top and bottom of the sample to permit the addition or release of pore water. The results of the remolded shear test are presented on Plate C-5.

Soluble Sulfates

A representative sample of the near-surface soils was submitted to a subcontracted analytical laboratory for determination of soluble sulfate content. Soluble sulfates are naturally present in soils, and if the concentration is high enough, can result in degradation of concrete which comes into contact with these soils. The results of the soluble sulfate testing are presented below, and are discussed further in a subsequent section of this report.

Sample Identification	Soluble Sulfates (%)	Sulfate Classification
B-1 @ 0 to 5 feet	0.003	Not Applicable (S0)

Corrosivity Testing

A representative bulk sample of the near-surface soils was submitted to a subcontracted corrosion engineering laboratory to determine if the near-surface soils possess corrosive characteristics with respect to common construction materials. The corrosivity testing included a determination of the electrical resistivity, pH, chloride, and nitrate concentrations of the soils, as well as other tests. The results of some of these tests are presented below.

Sample Identification	Saturated Resistivity (ohm-cm)	pH	Chlorides (mg/kg)	Nitrates (mg/kg)
B-1 @ 0 to 5 feet	19,430	7.9	14.2	0.4

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of our review, field exploration, laboratory testing and geotechnical analysis, the proposed development is considered feasible from a geotechnical standpoint. The recommendations contained in this report should be taken into the design, construction, and grading considerations.

The recommendations are contingent upon all grading and foundation construction activities being monitored by the geotechnical engineer of record. The recommendations are provided with the assumption that an adequate program of client consultation, construction monitoring, and testing will be performed during the final design and construction phases to verify compliance with these recommendations. Maintaining Southern California Geotechnical, Inc., (SCG) as the geotechnical consultant from the beginning to the end of the project will provide continuity of services. The geotechnical engineering firm providing testing and observation services shall assume the responsibility of Geotechnical Engineer of Record.

The Grading Guide Specifications, included as Appendix D, should be considered part of this report, and should be incorporated into the project specifications. The contractor and/or owner of the development should bring to the attention of the geotechnical engineer any conditions that differ from those stated in this report, or which may be detrimental for the development.

6.1 Seismic Design Considerations

The subject site is located in an area which is subject to strong ground motions due to earthquakes. The performance of a site specific seismic hazards analysis was beyond the scope of this investigation. However, numerous faults capable of producing significant ground motions are located near the subject site. Due to economic considerations, it is not generally considered reasonable to design a structure that is not susceptible to earthquake damage. Therefore, significant damage to structures may be unavoidable during large earthquakes. The proposed structure should, however, be designed to resist structural collapse and thereby provide reasonable protection from serious injury, catastrophic property damage and loss of life.

Faulting and Seismicity

Research of available maps indicates that the subject site is not located within an Alquist-Priolo Earthquake Fault Zone. Furthermore, SCG did not identify any evidence of faulting during the geotechnical investigation. Therefore, the possibility of significant fault rupture on the site is considered to be low.

The potential for other geologic hazards such as seismically induced settlement, lateral spreading, tsunamis, inundation, seiches, flooding, and subsidence affecting the site is considered low.

Seismic Design Parameters

The 2019 California Building Code (CBC) provides procedures for earthquake resistant structural design that include considerations for on-site soil conditions, occupancy, and the configuration of

the structure including the structural system and height. The seismic design parameters presented below are based on the soil profile and the proximity of known faults with respect to the subject site.

Based on standards in place at the time of this report, the proposed development is expected to be designed in accordance with the requirements of the 2019 edition of the California Building Code (CBC), which was adopted on January 1, 2020.

The 2019 CBC Seismic Design Parameters have been generated using the SEAOC/OSHPD Seismic Design Maps Tool, a web-based software application available at the website www.seismicmaps.org. This software application calculates seismic design parameters in accordance with several building code reference documents, including ASCE 7-16, upon which the 2019 CBC is based. The application utilizes a database of risk-targeted maximum considered earthquake (MCE_R) site accelerations at 0.01-degree intervals for each of the code documents. The tables below were created using data obtained from the application. The output generated from this program is included as Plate E-1 in Appendix E of this report.

The 2019 CBC requires that a site-specific ground motion study be performed in accordance with Section 11.4.8 of ASCE 7-16 for Site Class D sites with a mapped S_1 value greater than 0.2. However, Section 11.4.8 of ASCE 7-16 also indicates an exception to the requirement for a site-specific ground motion hazard analysis for certain structures on Site Class D sites. The commentary for Section 11 of ASCE 7-16 (Page 534 of Section C11 of ASCE 7-16) indicates that "In general, this exception effectively limits the requirements for site-specific hazard analysis to very tall and or flexible structures at Site Class D sites." Based on our understanding of the proposed development, the seismic design parameters presented below were calculated assuming that the exception in Section 11.4.8 applies to the proposed structure at this site. However, the structural engineer should verify that this exception is applicable to the proposed structure. Based on the exception, the spectral response accelerations presented below were calculated using the site coefficients (F_a and F_v) from Tables 1613.2.3(1) and 1613.2.3(2) presented in Section 16.4.4 of the 2019 CBC.

2019 CBC SEISMIC DESIGN PARAMETERS

Parameter		Value
Mapped Spectral Acceleration at 0.2 sec Period	S_S	1.573
Mapped Spectral Acceleration at 1.0 sec Period	S_1	0.578
Site Class	---	D
Site Modified Spectral Acceleration at 0.2 sec Period	S_{MS}	1.573
Site Modified Spectral Acceleration at 1.0 sec Period	S_{M1}	0.995
Design Spectral Acceleration at 0.2 sec Period	S_{DS}	1.049
Design Spectral Acceleration at 1.0 sec Period	S_{D1}	0.664

It should be noted that the site coefficient F_v and the parameters S_{M1} and S_{D1} were not included in the SEAOC/OSHPD Seismic Design Maps Tool output for the 2019 CBC. We calculated these parameters-based on Table 1613.2.3(2) in Section 16.4.4 of the 2019 CBC using the value of S_1

obtained from the Seismic Design Maps Tool, assuming that a site-specific ground motion hazards analysis is not required for the proposed building at this site.

Liquefaction

Liquefaction is the loss of strength in generally cohesionless, saturated soils when the pore-water pressure induced in the soil by a seismic event becomes equal to or exceeds the overburden pressure. The primary factors which influence the potential for liquefaction include groundwater table elevation, soil type and grain size characteristics, relative density of the soil, initial confining pressure, and intensity and duration of ground shaking. The depth within which the occurrence of liquefaction may impact surface improvements is generally identified as the upper 50 feet below the existing ground surface. Liquefaction potential is greater in saturated, loose, poorly graded fine sands with a mean (d_{50}) grain size in the range of 0.075 to 0.2 mm (Seed and Idriss, 1971). Clayey (cohesive) soils or soils which possess clay particles (d<0.005mm) in excess of 20 percent (Seed and Idriss, 1982) are generally not considered to be susceptible to liquefaction, nor are those soils which are above the historic static groundwater table.

The California Geological Survey (CGS) has not yet conducted detailed seismic hazards mapping in the area of the subject site. The general liquefaction susceptibility of the site was determined by research of the San Bernardino County Land Use Plan, General Plan, Geologic Hazard Overlays. The hazard overlay map for the Redlands quadrangle indicates that the subject site is not located within an area of liquefaction susceptibility. Based on the mapping performed by the county of San Bernardino and the subsurface conditions encountered at the boring locations, liquefaction is not considered to be a design concern for this project.

6.2 Geotechnical Design Considerations

General

Artificial fill soils were encountered at all of the boring locations, extending from the ground surface or beneath pavements to depths of 3 to 8½± feet. These soils possess variable densities and were classified as artificial fill, based on their disturbed appearance. No documentation regarding the placement and compaction of these soils has been provided to our office, and none is expected to exist. The fill soils are therefore considered to be undocumented fill.

As mentioned previously the proposed building will be located in the southern portion of the site close to the south property line. Specialized grading techniques and/or the use of shoring will likely be necessary to perform the recommended remedial grading close to the property line. A reduced allowable bearing pressure should be used for the design of foundations where the full lateral extent of the recommended remedial grading cannot be completed

Native alluvial soils were encountered beneath the fill at all of the boring locations. The near-surface native alluvium generally possesses medium dense relative densities. Based on the results of laboratory testing, the native alluvial soils generally possess favorable consolidation and collapse characteristics.

Remedial grading is considered warranted within the proposed building area, in order to remove all of the undocumented fill soils in their entirety, any soils disturbed during site stripping and demolition activities, and a portion of the near-surface native alluvial soils. The excavated soils may be compacted and placed throughout the proposed development area as compacted structural fill soils.

Settlement

The recommended remedial grading will remove the existing undocumented fill soils and a portion of the upper native alluvial soils and replace these materials as compacted structural fill. The native soils that will remain in place below the recommended depth of overexcavation generally possess favorable consolidation characteristics and will not be subject to large stress increases from the foundations of the new structure. Therefore, following completion of the recommended grading, post-construction settlements are expected to be within tolerable limits.

Expansion

The near-surface soils consist of silty sands, sandy silts, and fine to coarse sands with no appreciable clay content. These materials have been visually classified as non-expansive. Therefore, no design considerations related to expansive soils are considered warranted for this site.

Soluble Sulfates

The results of the soluble sulfate testing indicate that the selected sample of the on-site soils contain sulfate concentrations that correspond to Class S0 with respect to the American Concrete Institute (ACI) Publication 318-05 Building Code Requirements for Structural Concrete and Commentary, Section 4.3. Therefore, specialized concrete mix designs are not considered to be necessary, with regard to sulfate protection purposes. It is, however, recommended that additional soluble sulfate testing be conducted at the completion of rough grading to verify the soluble sulfate concentrations of the soils which are present at pad grade within the building area.

Corrosion Potential

The results of laboratory testing indicate that the tested sample of the on-site soils possess a saturated resistivity value of 19,430 ohm-cm, and a pH value of 7.9. These test results have been evaluated in accordance with guidelines published by the Ductile Iron Pipe Research Association (DIPRA). The DIPRA guidelines consist of a point system by which characteristics of the soils are used to quantify the corrosivity characteristics of the site. Resistivity, pH, redox potential, relative soil moisture content and sulfides are the factors that enter into the evaluation procedure. Based on these factors, and utilizing the DIPRA procedure, the on-site soils are not considered to be corrosive to ductile iron pipe. Therefore, polyethylene protection is not expected to be required for cast iron or ductile iron pipes.

Relatively low concentrations (14.2 mg/kg) of chlorides were detected in the samples submitted for corrosivity testing. In general, soils possessing chloride concentrations in excess of 500 parts per million (ppm) are considered to be corrosive with respect to steel reinforcement within reinforced concrete. Based on the lack of any significant chlorides in the tested sample, the site is considered to have a C1 chloride exposure in accordance with the American Concrete Institute

(ACI) Publication 318 Building Code Requirements for Structural Concrete and Commentary. Therefore, a specialized concrete mix design for reinforced concrete for protection against chloride exposure is not considered warranted.

Nitrates present in soil can be corrosive to copper tubing at concentrations greater than 50 mg/kg. The tested sample possesses a nitrate concentration of 0.4 mg/kg. Based on this test result, the on-site soils are not considered to be corrosive to copper pipe.

It should be noted that SCG does not practice in the field of corrosion engineering. Therefore, the client may wish to contact a corrosion engineer to provide a more thorough evaluation.

Shrinkage/Subsidence

Removal and recompaction of the artificial fill and near-surface native soils is estimated to result in an average shrinkage of 4 to 14 percent. Shrinkage estimates for the individual samples range between 1 and 12 percent based on the results of density testing and the assumption that the on-site soils will be compacted to about 92 percent of the ASTM D-1557 maximum dry density. It should be noted that the shrinkage estimate is based on the results of dry density testing performed on small-diameter samples of the existing soils taken at the boring locations. If a more accurate and precise shrinkage estimate is desired, SCG can perform a shrinkage study involving several excavated test-pits where in-place densities are determined using in-situ testing methods instead of laboratory density testing on small-diameter samples. Please contact SCG for details and a cost estimate regarding a shrinkage study, if desired.

Minor ground subsidence is expected to occur in the soils below the zone of removal, due to settlement and machinery working. The subsidence is estimated to be 0.1 feet.
These estimates are based on previous experience and the subsurface conditions encountered at the boring locations. The actual amount of subsidence is expected to be variable and will be dependent on the type of machinery used, repetitions of use, and dynamic effects, all of which are difficult to assess precisely.

Grading and Foundation Plan Review

No grading or foundation plans were available at the time of this report. It is therefore recommended that we be provided with copies of the preliminary plans, when they become available, for review with regard to the conclusions, recommendations, and assumptions contained within this report.

6.3 Site Grading Recommendations

The grading recommendations presented below are based on the subsurface conditions encountered at the boring locations and our understanding of the proposed development. We recommend that all grading activities be completed in accordance with the Grading Guide Specifications included as Appendix D of this report, unless superseded by site-specific recommendations presented below.

Site Stripping and Demolition

Demolition of the existing structures and any associated improvements will be necessary to facilitate the construction of the proposed development. Pavements, utilities, and any other subsurface improvements that will not be reused with the proposed development should be demolished and removed in their entirety. Any septic systems encountered during demolition and/or rough grading (if present) should be removed in their entirety. Any associated leach fields or other existing underground improvements should also be removed. Debris resultant from demolition should be disposed of off-site in accordance with applicable regulations. Alternatively, concrete and asphalt debris may be pulverized to a maximum 2-inch particle size, well-mixed with the on-site soils, and incorporated into new structural fills or it may be crushed and made into crushed miscellaneous base (CMB), if desired.

Initial site preparation should include stripping of any surficial vegetation from the landscaped areas of the site. This should include any weeds, grasses, and shrubs. Any trees that will not remain with the proposed development should also be removed during site stripping, and their root systems should be removed in their entirety. The resulting excavations should be backfilled with compacted fill soils. The actual extent of site stripping should be determined in the field by the geotechnical engineer, based on the organic content and stability of the materials encountered.

Treatment of Existing Soils: Building Pad

Remedial grading will be necessary within the proposed building pad area to remove the existing undocumented fill soils, any soils disturbed during demolition, and a portion of the near-surface native alluvium. The fill soils extend to depths of 3 to 8½± feet at the boring locations.

In addition, the overexcavation is also recommended to extend to a depth of at least 5 feet below existing grade and 3 feet below proposed building pad subgrade elevation, whichever is greater. Within the influence zones of the new foundations, the overexcavation should extend to a depth of at least 3 feet below proposed foundation bearing grade.

The overexcavation areas should extend at least 5 feet beyond the building perimeters, and to an extent equal to the depth of fill below the new foundations. If the proposed structure incorporates any exterior columns (such as for a canopy or overhang) the area of overexcavation should also encompass these areas.

The site plan shows the proposed building will be constructed close to the south property line. The contractor should take all necessary provisions to protect the adjacent structures and improvements located to the south of the site during rough grading. Specialized grading techniques, such as A-B-C slot cuts, and possibly shoring, may be required to complete the recommended remedial grading.

Following completion of the overexcavation, the subgrade soils within the building area should be evaluated by the geotechnical engineer to verify their suitability to serve as the structural fill subgrade, as well as to support the foundation loads of the new structure. This evaluation should include proofrolling and probing to identify any soft, loose, or otherwise unstable soils that must be removed. Some localized areas of deeper excavation may be required if loose, porous, or low density native soils are encountered at the base of the overexcavation.

After a suitable overexcavation subgrade has been achieved, the exposed soils should be scarified to a depth of at least 12 inches and moisture conditioned to achieve a moisture content of 0 to 4 percent above optimum moisture content. The subgrade soils should then be recompacted to at least 90 percent of the ASTM D-1557 maximum dry density. The building pad area may then be raised to grade with previously excavated soils or imported structural fill.

Treatment of Existing Soils: Retaining Walls and Site Walls

The existing soils within the areas of any proposed retaining walls and site walls should be overexcavated to a depth of 2 feet below foundation bearing grade and replaced as compacted structural fill as discussed above for the proposed building pad. Any undocumented fill soils or disturbed native alluvium within any of these foundation areas should be removed in their entirety. Any erection pads used to construct the walls are considered to be part of the foundation system with respect to these remedial grading recommendations. The overexcavation subgrade soils should be evaluated by the geotechnical engineer prior to scarifying, moisture conditioning, and recompacting the upper 12 inches of exposed subgrade soils, as discussed for the building area. The previously excavated soils may then be replaced as compacted structural fill.

If the recommended remedial grading cannot be completed for screen walls located along property lines, such walls should be designed for a reduced allowable bearing pressure. The allowable bearing pressure will be determined based on the actual extent of remedial grading that can be accomplished.

Treatment of Existing Soils: Flatwork, Parking and Drive Areas

Based on economic considerations, removal and replacement of the variable strength existing fill and alluvial soils is not considered warranted within the proposed flatwork, parking, and drive areas. Subgrade preparation in the new flatwork, parking, and drive areas should initially consist of removal of all soils disturbed during stripping and demolition operations.

The geotechnical engineer should then evaluate the subgrade to identify any areas of additional unsuitable soils. Any such materials should be removed to a level of firm and unyielding soil. The exposed subgrade soils should then be scarified to a depth of 12± inches, moisture conditioned to at least 0 to 4 percent above the optimum moisture content, and recompacted to at least 90 percent of the ASTM D-1557 maximum dry density. Based on the presence of variable strength surficial soils throughout the site, it is expected that some isolated areas of additional overexcavation may be required to remove zones of lower strength, unsuitable soils.

The grading recommendations presented above for the proposed flatwork, parking, and drive areas assume that the owner and/or developer can tolerate minor amounts of settlement within the proposed parking and flatwork areas. The grading recommendations presented above do not completely mitigate the full extent of undocumented fill soils variable density alluvium in the parking areas. As such, settlement and associated pavement distress could occur. Typically, repair of such distressed areas involves significantly lower costs than completely mitigating these soils at the time of construction. If the owner cannot tolerate the risk of such settlements, the flatwork, parking and drive areas should be overexcavated to a depth of 2 feet below proposed pavement subgrade elevation, with the resulting soils replaced as compacted structural fill.

Fill Placement

- Fill soils should be placed in thin (6± inches), near-horizontal lifts, moisture conditioned to 0 to 4 percent above the optimum moisture content, and compacted.
- On-site soils may be used for fill provided they are cleaned of any debris to the satisfaction of the geotechnical engineer.
- All grading and fill placement activities should be completed in accordance with the requirements of the 2019 CBC and the grading code of the city of Ontario.
- All fill soils should be compacted to at least 90 percent of the ASTM D-1557 maximum dry density.
- Compaction tests should be performed periodically by the geotechnical engineer as random verification of compaction and moisture content. These tests are intended to aid the contractor. Since the tests are taken at discrete locations and depths, they may not be indicative of the entire fill and therefore should not relieve the contractor of his responsibility to meet the job specifications.

Imported Structural Fill

All imported structural fill should consist of very low expansive (EI < 20), well graded soils possessing at least 10 percent fines (that portion of the sample passing the No. 200 sieve). Additional specifications for structural fill are presented in the Grading Guide Specifications, included as Appendix D.

Utility Trench Backfill

In general, all utility trench backfill should be compacted to at least 90 percent of the ASTM D-1557 maximum dry density. As an alternative, a clean sand (minimum Sand Equivalent of 30) may be placed within trenches and compacted in place (jetting or flooding is not recommended). It is recommended that materials in excess of 3 inches in size not be used for utility trench backfill. Compacted trench backfill should conform to the requirements of the local grading code, and more restrictive requirements may be indicated by the city of Redlands. All utility trench backfills should be witnessed by the geotechnical engineer. The trench backfill soils should be compaction tested where possible; probed and visually evaluated elsewhere.

Utility trenches which parallel a footing, and extending below a 1h:1v plane projected from the outside edge of the footing should be backfilled with structural fill soils, compacted to at least 90 percent of the ASTM D-1557 standard. Pea gravel backfill should not be used for these trenches.

Any soils used to backfill voids around subsurface utility structures, such as manholes or vaults, should be placed as compacted structural fill. If it is not practical to place compacted fill in these areas, then such void spaces may be backfilled with lean concrete slurry. Uncompacted pea gravel or sand is not recommended for backfilling these voids since these materials have a potential to settle and thereby cause distress of pavements placed around these subterranean structures.

6.4 Construction Considerations

Excavation Considerations

The near-surface soils are predominately granular in composition. These materials will likely be subject to caving within shallow excavations. Where caving occurs within shallow excavations, flattened excavation slopes may be sufficient to provide excavation stability. On a preliminary basis, the inclination of temporary slopes should not exceed 2h:1v. Maintaining adequate moisture content within the near-surface soils will improve excavation stability. All excavation activities on this site should be conducted in accordance with Cal-OSHA regulations.

Based on the site plan, we expect that the recommended remedial grading for the proposed building will require excavation adjacent to the south property line. The contractor should take all necessary provisions to protect the existing improvements located on the adjacent properties. During remedial grading, slot cutting procedures and/or shoring may be required in order to achieve the recommended overexcavation in the southern portion of the building pad area. Typically, A-B-C slot cuts on 6 to 8-foot centers are suitable to maintain excavation stability. The geotechnical engineer should observe the conditions and determine the appropriate slot cutting procedures at the time of site grading.

Moisture Sensitive Subgrade Soils

Some of the near surface soils possess appreciable silt content and may become unstable if exposed to significant moisture infiltration or disturbance by construction traffic. In addition, based on their granular content, some of the on-site soils will also be susceptible to erosion. The site should, therefore, be graded to prevent ponding of surface water and to prevent water from running into excavations.

Groundwater

The static groundwater table at this site is considered to be present at a depth greater than 25± feet. Therefore, groundwater is not expected to impact the grading or foundation construction activities.

6.5 Foundation Design and Construction

Based on the preceding grading recommendations, it is assumed that the new building pad will be underlain by structural fill soils used to replace existing undocumented fill soils. These new structural fill soils are expected to extend to a depth of at least 3 feet below proposed foundation bearing grade. Based on this subsurface profile, the proposed structure may be supported on conventional shallow foundations.

Foundation Design Parameters

New square and rectangular footings may be designed as follows:

- Maximum, net allowable soil bearing pressure: 2,500 lbs/ft^2.

- Maximum, net allowable soil bearing pressure: 1,500 lbs/ft^2 for new foundations within 5 feet of property lines or where the full lateral extent of recommended overexcavation is not possible

- Minimum wall/column footing width: 14 inches/24 inches.

- Minimum longitudinal steel reinforcement within strip footings: Two (2) No. 5 rebars (1 top and 1 bottom).

- Minimum foundation embedment: 12 inches into suitable structural fill soils, and at least 18 inches below adjacent exterior grade. Interior column footings may be placed immediately beneath the floor slab.

- It is recommended that the perimeter building foundations be continuous across all exterior doorways. Any flatwork adjacent to the exterior doors should be doweled into the perimeter foundations in a manner determined by the structural engineer.

The allowable bearing pressure presented above may be increased by one-third when considering short duration wind or seismic loads. The minimum steel reinforcement recommended above is based on geotechnical considerations; additional reinforcement may be necessary for structural considerations. The actual design of the foundations should be determined by the structural engineer.

Foundation Construction

The foundation subgrade soils should be evaluated at the time of overexcavation, as discussed in Section 6.3 of this report. It is further recommended that the foundation subgrade soils be evaluated by the geotechnical engineer immediately prior to steel or concrete placement. Soils suitable for direct foundation support should consist of newly placed structural fill, compacted to at least 90 percent of the ASTM D-1557 maximum dry density. Any unsuitable materials should be removed to a depth of suitable bearing compacted structural fill, with the resulting excavations backfilled with compacted fill soils. As an alternative, lean concrete slurry (500 to 1,500 psi) may be used to backfill such isolated overexcavations.

The foundation subgrade soils should also be properly moisture conditioned to 0 to 4 percent above the Modified Proctor optimum, to a depth of at least 12 inches below bearing grade. Since it is typically not feasible to increase the moisture content of the floor slab and foundation subgrade soils once rough grading has been completed, care should be taken to maintain the moisture content of the building pad subgrade soils throughout the construction process.

Estimated Foundation Settlements

Post-construction total and differential settlements of shallow foundations designed and constructed in accordance with the previously presented recommendations are estimated to be less than 1.0 and 0.5 inches, respectively. Differential movements are expected to occur over a 30-foot span, thereby resulting in an angular distortion of less than 0.002 inches per inch.

Lateral Load Resistance

Lateral load resistance will be developed by a combination of friction acting at the base of foundations and slabs and the passive earth pressure developed by footings below grade. The following friction and passive pressure may be used to resist lateral forces:

- Passive Earth Pressure: 300 lbs/ft^3
- Friction Coefficient: 0.30

These are allowable values, and include a factor of safety. When combining friction and passive resistance, the passive pressure component should be reduced by one-third. These values assume that footings will be poured directly against compacted structural fill. The maximum allowable passive pressure is 2,500 lbs/ft^2.

6.6 Floor Slab Design and Construction

Subgrades which will support new floor slab should be prepared in accordance with the recommendations contained in the *Site Grading Recommendations* section of this report. Based on the anticipated grading which will occur at this site, the floor of the new structure may be constructed as a conventional slab-on-grade supported on newly placed structural fill soils. These fill soils are expected to extend to a depth of at least 3 feet below finished pad grade. Based on geotechnical considerations, the floor slab may be designed as follows:

- Minimum slab thickness: 6 inches.

- Minimum slab reinforcement: Reinforcement is not expected to be required for geotechnical conditions. The actual floor slab reinforcement should be determined by the structural engineer, based upon the imposed loading.

- Modulus of subgrade reaction, k =150 psi/in

- Slab underlayment: If moisture sensitive floor coverings will be used the minimum slab underlayment should consist of a moisture vapor barrier constructed below the entire area of the proposed slab. The moisture vapor barrier should meet or exceed the Class A rating as defined by ASTM E 1745-97 and have a permeance rating less than 0.01 perms as described in ASTM E 96-95 and ASTM E 154-88. A polyolefin material such as Stego® Wrap Vapor Barrier or equivalent will meet these specifications. The moisture vapor barrier should be properly constructed in accordance with all applicable manufacturer specifications. Given that a rock free subgrade is anticipated and that a capillary break is not required, sand below the barrier is not required. The need for sand and/or the amount of sand above the moisture vapor barrier should be specified by the structural engineer or concrete contractor. The selection of sand above the barrier is not a geotechnical engineering issue and hence outside our purview. Where moisture sensitive floor coverings are not anticipated, the vapor barrier may be eliminated.

- Moisture condition the floor slab subgrade soils to 0 to 4 percent above the Modified Proctor optimum moisture content, to a depth of 12 inches. The moisture content of the

floor slab subgrade soils should be verified by the geotechnical engineer within 24 hours prior to concrete placement.

- Proper concrete curing techniques should be utilized to reduce the potential for slab curling or the formation of excessive shrinkage cracks.

The actual design of the floor slab should be completed by the structural engineer to verify adequate thickness and reinforcement.

6.7 Retaining Wall Design and Construction

Small retaining walls are expected to be necessary in the truck dock areas and may also be required to facilitate the new site grades. The parameters recommended for use in the design of these walls are presented below.

Retaining Wall Design Parameters

Based on the soil conditions encountered at the boring locations, the following parameters may be used in the design of new retaining walls for this site. We have provided parameters assuming the use of on-site soils for retaining wall backfill. The near-surface soils at this site generally consist of sands, silty sands, and sandy silts. Based on their classification, these materials are expected to possess a friction angle of at least 30 degrees when compacted to at least 90 percent of the ASTM D-1557 maximum dry density.

If desired, SCG could provide design parameters for an alternative select backfill material behind the retaining walls. The use of select backfill material could result in lower lateral earth pressures. In order to use the design parameters for the imported select fill, this material must be placed within the entire active failure wedge. This wedge is defined as extending from the heel of the retaining wall upwards at an angle of approximately 60° from horizontal. If select backfill material behind the retaining wall is desired, SCG should be contacted for supplementary recommendations.

RETAINING WALL DESIGN PARAMETERS

Design Parameter		Soil Type: On-site Sands, Silty Sands, and Sandy Silts
Internal Friction Angle (ϕ)		30°
Unit Weight		130 lbs/ft^3
Equivalent Fluid Pressure:	Active Condition (level backfill)	44 lbs/ft^3
	Active Condition (2h:1v backfill)	70 lbs/ft^3
	At-Rest Condition (level backfill)	65 lbs/ft^3

The walls should be designed using a soil-footing coefficient of friction of 0.30 and an equivalent passive pressure of 300 lbs/ft^3. The structural engineer should incorporate appropriate factors of safety in the design of the retaining walls.

The active earth pressure may be used for the design of retaining walls that do not directly support structures or support soils that in turn support structures and which will be allowed to deflect. The at-rest earth pressure should be used for walls that will not be allowed to deflect such as those which will support foundation bearing soils, or which will support foundation loads directly.

Where the soils on the toe side of the retaining wall are not covered by a "hard" surface such as a structure or pavement, the upper 1 foot of soil should be neglected when calculating passive resistance due to the potential for the material to become disturbed or degraded during the life of the structure.

Retaining Wall Foundation Design

The retaining wall foundations should be underlain by at least 2 feet of newly placed structural fill. Foundations to support new retaining walls should be designed in accordance with the general Foundation Design Parameters presented in a previous section of this report.

Seismic Lateral Earth Pressures

In accordance with the 2019 CBC, any retaining walls more than 6 feet in height must be designed for seismic lateral earth pressures. If walls 6 feet or more are required for this site, the geotechnical engineer should be contacted for supplementary seismic lateral earth pressure recommendations.

Backfill Material

On-site soils may be used to backfill the retaining walls. However, all backfill material placed within 3 feet of the back-wall face should have a particle size no greater than 3 inches. The retaining wall backfill materials should be well graded.

It is recommended that a minimum 1 foot thick layer of free-draining granular material (less than 5 percent passing the No. 200 sieve) be placed against the face of the retaining walls. This material should extend from the top of the retaining wall footing to within 1 foot of the ground surface on the back side of the retaining wall. This material should be approved by the geotechnical engineer. In lieu of the 1 foot thick layer of free-draining material, a properly installed prefabricated drainage composite such as the MiraDRAIN 6000XL (or approved equivalent), which is specifically designed for use behind retaining walls, may be used. If the layer of free-draining material is not covered by an impermeable surface, such as a structure or pavement, a 12-inch thick layer of a low permeability soil should be placed over the backfill to reduce surface water migration to the underlying soils. The layer of free draining granular material should be separated from the backfill soils by a suitable geotextile, approved by the geotechnical engineer

All retaining wall backfill should be placed and compacted under engineering-controlled conditions in the necessary layer thicknesses to ensure an in-place density between 90 and 93 percent of

the maximum dry density as determined by the Modified Proctor test (ASTM D1557-91). Care should be taken to avoid over-compaction of the soils behind the retaining walls, and the use of heavy compaction equipment should be avoided.

Subsurface Drainage

As previously indicated, the retaining wall design parameters are based upon drained backfill conditions. Consequently, some form of permanent drainage system will be necessary in conjunction with the appropriate backfill material. Subsurface drainage may consist of either:

- A weep hole drainage system typically consisting of a series of 2-inch diameter holes in the wall situated slightly above the ground surface elevation on the exposed side of the wall and at an approximate 10-foot on-center spacing. Alternatively, 4-inch diameter holes at an approximate 20-foot on-center spacing can be used for this type of drainage system. In addition, the weep holes should include a 2 cubic foot pocket of open graded gravel, surrounded by an approved geotextile fabric, at each weep hole location.

- A 4-inch diameter perforated pipe surrounded by 2 cubic feet of gravel per linear foot of drain placed behind the wall, above the retaining wall footing. The gravel layer should be wrapped in a suitable geotextile fabric to reduce the potential for migration of fines. The footing drain should be extended to daylight or tied into a storm drainage system. The actual design of this type of system should be determined by the civil engineer to verify that the drainage system possesses the adequate capacity and slope for its intended use.

6.8 Pavement Design Parameters

Site preparation in the pavement area should be completed as previously recommended in the *Site Grading Recommendations* section of this report. The subsequent pavement recommendations assume proper drainage and construction monitoring, and are based on either PCA or CALTRANS design parameters for a twenty (20) year design period. However, these designs also assume a routine pavement maintenance program to obtain the anticipated 20-year pavement service life.

Pavement Subgrades

It is anticipated that the new pavements will be primarily supported on a layer of compacted structural fill, consisting of scarified, thoroughly moisture conditioned and recompacted existing soils. The near-surface soils generally consist of silty sands, sands, and sandy silts. Based on their classification, these materials are expected to possess good to excellent pavement support characteristics, with R-values in the range of 50 to 60. Since R-value testing was not included in the scope of services for this project, the subsequent pavement design is based upon an assumed R-value of 50. Any fill material imported to the site should have support characteristics equal to or greater than that of the on-site soils and be placed and compacted under engineering-controlled conditions. It is recommended that R-value testing be performed after completion of rough grading. Depending upon the results of the R-value testing, it may be feasible to use thinner pavement sections in some areas of the site.

Asphaltic Concrete

Presented below are the recommended thicknesses for new flexible pavement structures consisting of asphaltic concrete over a granular base. An alternate pavement section has been provided for use in parking stall areas due to the anticipated lower traffic intensity in these areas. However, truck traffic must be excluded from areas where the thinner pavement section is used; otherwise premature pavement distress may occur. The pavement designs are based on the traffic indices (TI's) indicated. The client and/or civil engineer should verify that these TI's are representative of the anticipated traffic volumes.

Traffic Index	No. of Heavy Trucks per Day
4.0	0
5.0	1
6.0	3
7.0	11
8.0	35
9.0	93

For the purpose of the traffic volumes indicated above, a truck is defined as a 5-axle tractor trailer unit with one 8-kip axle and two 32-kip tandem axles. All of the traffic indices allow for 1,000 automobiles per day.

ASPHALT PAVEMENTS (R=50)					
Materials	Thickness (inches)				
	Auto Parking and Auto Drive Lanes (TI = 4.0 to 5.0)	Truck Traffic			
		TI = 6.0	TI = 7.0	TI = 8.0	TI = 9.0
Asphalt Concrete	3	3½	4	5	5½
Aggregate Base	3	4	5	5	7
Compacted Subgrade	12	12	12	12	12

The aggregate base course should be compacted to at least 95 percent of the ASTM D-1557 maximum dry density. The asphaltic concrete should be compacted to at least 95 percent of the Marshall maximum density, as determined by ASTM D-2726. The aggregate base course may consist of crushed aggregate base (CAB) or crushed miscellaneous base (CMB), which is a recycled gravel, asphalt and concrete material. The gradation, R-Value, Sand Equivalent, and Percentage Wear of the CAB or CMB should comply with appropriate specifications contained in the current edition of the "Greenbook" Standard Specifications for Public Works Construction.

Portland Cement Concrete

The preparation of the subgrade soils within Portland cement concrete pavement areas should be performed as previously described in Section 6.3 "Treatment of Existing Soils: Flatwork, Parking, and Drive Areas". The minimum recommended thicknesses for the Portland Cement Concrete pavement sections are as follows:

PORTLAND CEMENT CONCRETE PAVEMENTS (R=50)				
Materials	Thickness (inches)			
	Autos and Light Truck Traffic (TI = 6.0)	Truck Traffic		
		TI = 7.0	TI = 8.0	TI = 9.0
PCC	5	5½	6½	8
Compacted Subgrade (95% minimum compaction)	12	12	12	12

The concrete should have a 28-day compressive strength of at least 3,000 psi. Reinforcing within all pavements should be designed by the structural engineer. The maximum joint spacing within all of the PCC pavements is recommended to be equal to or less than 30 times the pavement thickness. The actual joint spacing and reinforcing of the Portland cement concrete pavements should be determined by the structural engineer.

7.0 GENERAL COMMENTS

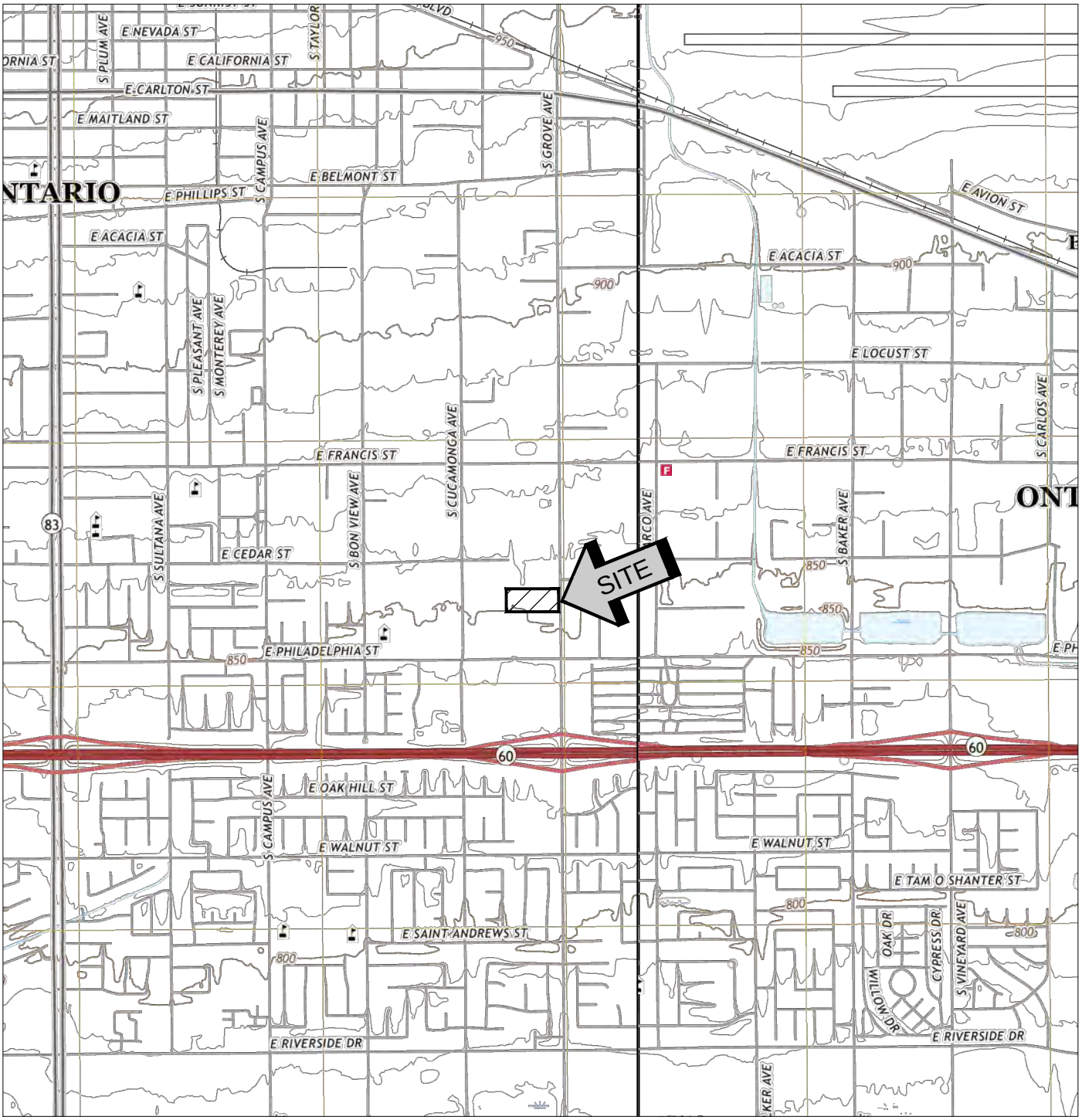
This report has been prepared as an instrument of service for use by the client, in order to aid in the evaluation of this property and to assist the architects and engineers in the design and preparation of the project plans and specifications. This report may be provided to the contractor(s) and other design consultants to disclose information relative to the project. However, this report is not intended to be utilized as a specification in and of itself, without appropriate interpretation by the project architect, civil engineer, and/or structural engineer. The reproduction and distribution of this report must be authorized by the client and Southern California Geotechnical, Inc. Furthermore, any reliance on this report by an unauthorized third party is at such party's sole risk, and we accept no responsibility for damage or loss which may occur. The client(s)' reliance upon this report is subject to the Engineering Services Agreement, incorporated into our proposal for this project.

The analysis of this site was based on a subsurface profile interpolated from limited discrete soil samples. While the materials encountered in the project area are considered to be representative of the total area, some variations should be expected between boring locations and sample depths. If the conditions encountered during construction vary significantly from those detailed herein, we should be contacted immediately to determine if the conditions alter the recommendations contained herein.

This report has been based on assumed or provided characteristics of the proposed development. It is recommended that the owner, client, architect, structural engineer, and civil engineer carefully review these assumptions to ensure that they are consistent with the characteristics of the proposed development. If discrepancies exist, they should be brought to our attention to verify that they do not affect the conclusions and recommendations contained herein. We also recommend that the project plans and specifications be submitted to our office for review to verify that our recommendations have been correctly interpreted.

The analysis, conclusions, and recommendations contained within this report have been promulgated in accordance with generally accepted professional geotechnical engineering practice. No other warranty is implied or expressed.

APPENDIX A



SOURCE: USGS TOPOGRAPHIC MAPS OF THE ONTARIO AND GUASTI QUADRANGLES, SAN BERNARDINO COUNTY, CALIFORNIA, 2018.

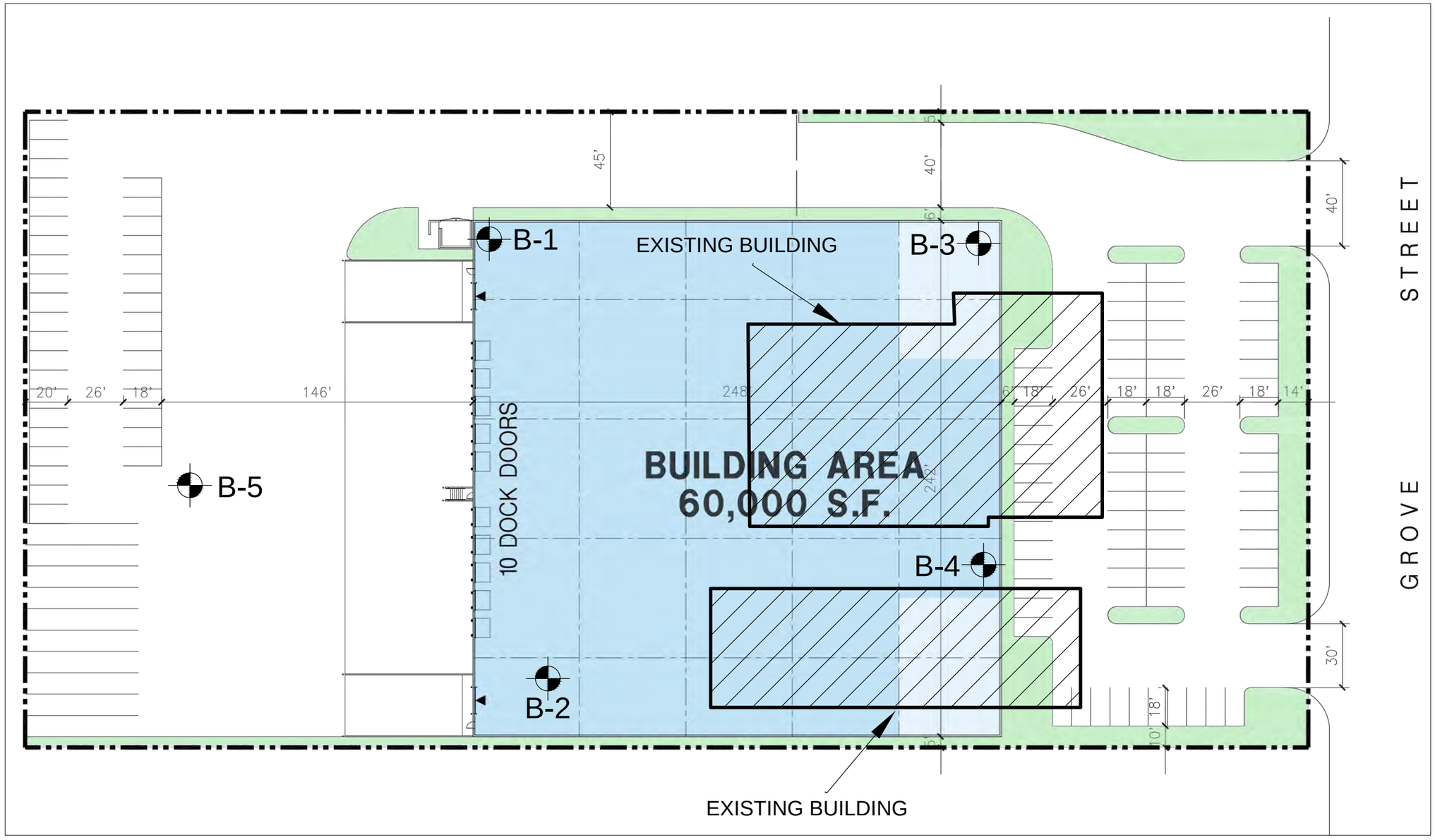
SITE LOCATION MAP

PROPOSED WAREHOUSE

ONTARTIO, CALIFORNIA

SCALE: 1" = 2000'	
DRAWN: JAZ CHKD: RGT	
SCG PROJECT 22G105-1	
PLATE 1	

SoCalGeo SOUTHERN CALIFORNIA GEOTECHNICAL



GEOTECHNICAL LEGEND

APPROXIMATE BORING LOCATION

NOTE: SITE PLAN PROVIDED BY HPA ARCHITECTURE.

NORTH

SoCalGeo

BORING LOCATION PLAN

PROPOSED WAREHOUSE

ONTARIO, CALIFORNIA

SCALE: 1" = 50'

DRAWN: JAZ
CHKD: RGT

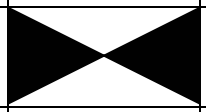
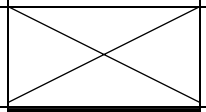
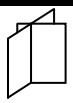
SCG PROJECT
22G105-1

PLATE 2

SOUTHERN CALIFORNIA GEOTECHNICAL

APPENDIX B

BORING LOG LEGEND

SAMPLE TYPE	GRAPHICAL SYMBOL	SAMPLE DESCRIPTION
AUGER		SAMPLE COLLECTED FROM AUGER CUTTINGS, NO FIELD MEASUREMENT OF SOIL STRENGTH. (DISTURBED)
CORE		ROCK CORE SAMPLE: TYPICALLY TAKEN WITH A DIAMOND-TIPPED CORE BARREL. TYPICALLY USED ONLY IN HIGHLY CONSOLIDATED BEDROCK.
GRAB		SOIL SAMPLE TAKEN WITH NO SPECIALIZED EQUIPMENT, SUCH AS FROM A STOCKPILE OR THE GROUND SURFACE. (DISTURBED)
CS		CALIFORNIA SAMPLER: 2-1/2 INCH I.D. SPLIT BARREL SAMPLER, LINED WITH 1-INCH HIGH BRASS RINGS. DRIVEN WITH SPT HAMMER. (RELATIVELY UNDISTURBED)
NSR		NO RECOVERY: THE SAMPLING ATTEMPT DID NOT RESULT IN RECOVERY OF ANY SIGNIFICANT SOIL OR ROCK MATERIAL.
SPT		STANDARD PENETRATION TEST: SAMPLER IS A 1.4 INCH INSIDE DIAMETER SPLIT BARREL, DRIVEN 18 INCHES WITH THE SPT HAMMER. (DISTURBED)
SH		SHELBY TUBE: TAKEN WITH A THIN WALL SAMPLE TUBE, PUSHED INTO THE SOIL AND THEN EXTRACTED. (UNDISTURBED)
VANE		VANE SHEAR TEST: SOIL STRENGTH OBTAINED USING A 4 BLADED SHEAR DEVICE. TYPICALLY USED IN SOFT CLAYS-NO SAMPLE RECOVERED.

COLUMN DESCRIPTIONS

DEPTH: Distance in feet below the ground surface.

SAMPLE: Sample Type as depicted above.

BLOW COUNT: Number of blows required to advance the sampler 12 inches using a 140 lb hammer with a 30-inch drop. 50/3" indicates penetration refusal (>50 blows) at 3 inches. WH indicates that the weight of the hammer was sufficient to push the sampler 6 inches or more.

POCKET PEN.: Approximate shear strength of a cohesive soil sample as measured by pocket penetrometer.

GRAPHIC LOG: Graphic Soil Symbol as depicted on the following page.

DRY DENSITY: Dry density of an undisturbed or relatively undisturbed sample in lbs/ft^3.

MOISTURE CONTENT: Moisture content of a soil sample, expressed as a percentage of the dry weight.

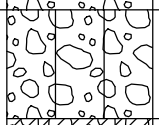
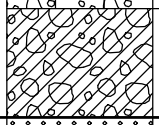
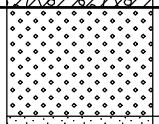
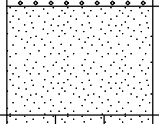
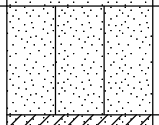
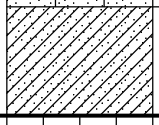
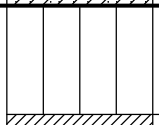
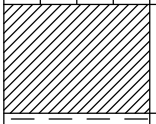
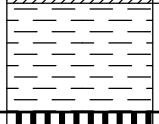
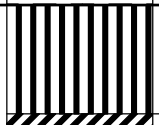
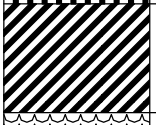
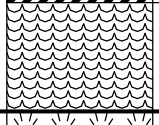
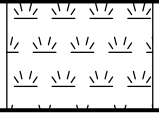
LIQUID LIMIT: The moisture content above which a soil behaves as a liquid.

PLASTIC LIMIT: The moisture content above which a soil behaves as a plastic.

PASSING #200 SIEVE: The percentage of the sample finer than the #200 standard sieve.

UNCONFINED SHEAR: The shear strength of a cohesive soil sample, as measured in the unconfined state.

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS
			GRAPH	LETTER	
COARSE GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-1

JOB NO.: 22G105-1
PROJECT: Proposed Warehouse
LOCATION: Ontario, California

DRILLING DATE: 3/18/22
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Joey Hernandez

WATER DEPTH: Dry
CAVE DEPTH: 15 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: --- MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
					4± inches Asphaltic Concrete; No Discernible Aggregate Base							
		44			FILL: Brown fine Sandy Silt, trace medium to coarse Sand, medium dense-damp to moist	124	9					
		17			@ 3 feet, trace Iron oxide staining	114	10					
5		26			FILL: Gray Brown fine Sandy Silt, trace Clay, trace medium to coarse Sand, mottled, medium dense-moist to very moist	115	14					
		75			FILL: Dark Gray Silty fine Sand, trace medium to coarse Sand, trace fine to coarse Gravel, trace Iron oxide staining, very dense-damp to moist	112	7					
		23			ALLUVIUM: Brown Silty fine Sand, medium dense-damp	104	3					
10												
					Light Gray fine Sandy Silt, medium dense-very moist							
		20				100	17					
15												
					Brown fine to medium Sand, medium dense-damp							
		20				98	3					
20					Boring Terminated at 20'							

TBL 22G105-1.GPJ SOCALGEO.GDT 4/19/22

TEST BORING LOG

PLATE B-1

JOB NO.: 22G105-1
PROJECT: Proposed Warehouse
LOCATION: Ontario, California

DRILLING DATE: 3/18/22
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Joey Hernandez

WATER DEPTH: Dry
CAVE DEPTH: 23 feet
READING TAKEN: At Completion

FIELD RESULTS					DESCRIPTION	LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	SURFACE ELEVATION: --- MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
		29			FILL: Dark Brown Silty fine Sand, trace coarse Sand, medium dense-moist		9					
		20			ALLUVIUM: Brown Silty fine Sand, very loose to medium dense-moist to very moist		8					
5		5					7					
		3					13					
10												
		33			Gray Brown fine to coarse Sand, trace fine to coarse Gravel, dense to very dense-dry to damp		3					
15												
		50/5"					2					
20												
		11			Brown fine Sandy Silt, medium dense-moist to very moist		13					
25					Boring Terminated at 25'							

TBL 22G105-1.GPJ SOCALGEO.GDT 4/19/22

TEST BORING LOG

PLATE B-2

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-3

JOB NO.: 22G105-1
PROJECT: Proposed Warehouse
LOCATION: Ontario, California

DRILLING DATE: 3/18/22
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Joey Hernandez

WATER DEPTH: Dry
CAVE DEPTH: 22 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: --- MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
					4± inches Asphaltic Concrete; No Discernible Aggregate Base							
		8			FILL: Dark Brown Silty fine Sand, trace fine Gravel, loose-damp		6					
		16			ALLUVIUM: Brown fine to medium Sand, trace coarse Gravel, medium dense-dry to damp		2					
5												
		14			Light Gray Brown fine to coarse Sand, trace coarse Gravel, loose to medium dense-dry to damp		2					
		8					2					
10												
		9			Light Brown fine Sandy Silt, trace Iron oxide staining, loose-damp to moist		9					
15												
		50/5"			Light Brown fine to coarse Sand, trace fine to coarse Gravel, very dense-dry to damp		2					
20												
		16			Brown Silty fine to medium Sand, trace coarse Sand, trace fine Gravel, medium dense-moist		10					
25					Boring Terminated at 25'							

TBL 22G105-1.GPJ SOCALGEO.GDT 4/19/22

TEST BORING LOG

PLATE B-3

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-4

JOB NO.: 22G105-1
PROJECT: Proposed Warehouse
LOCATION: Ontario, California

DRILLING DATE: 3/18/22
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Joey Hernandez

WATER DEPTH: Dry
CAVE DEPTH: 10 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: --- MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
					3± inches Asphaltic Concrete; No Discernible Aggregate Base							
		39			FILL: Brown Silty fine Sand, trace medium to coarse Sand, medium dense-damp	109	3					
		18			FILL: Brown fine Sand, medium dense-dry	107	2					
5		16			FILL: Brown Silty fine Sand, trace coarse Sand, medium dense-damp	107	3					
		35			ALLUVIUM: Light Gray Brown fine to coarse Sand, trace fine to coarse Gravel, medium dense-dry	119	1					
10		35			Light Gray fine Sand, trace medium to coarse Sand, trace coarse Gravel, loose to medium dense-dry		1					Distubed Sample
15		14				92	2					
		64			Light Gray fine to coarse Sand, trace fine to coarse Gravel, dense-dry		1					Distubed Sample
20					Boring Terminated at 20'							

TBL 22G105-1.GPJ SOCALGEO.GDT 4/19/22

TEST BORING LOG

PLATE B-4

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-5

JOB NO.: 22G105-1
PROJECT: Proposed Warehouse
LOCATION: Ontario, California

DRILLING DATE: 3/18/22
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Joey Hernandez

WATER DEPTH: Dry
CAVE DEPTH: 16 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: --- MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
					3± inches Asphaltic Concrete; No Discernible Aggregate Base							
		15			FILL: Brown Silty fine Sand, trace medium to coarse Sand, medium dense-very moist		14					
		14			FILL: Brown fine Sandy Silt, trace Clay, medium dense to dense-very moist		15					
5		30					13					
		16			ALLUVIUM: Brown Silty fine Sand, trace coarse Gravel, loose to medium dense-damp		5					
10												
		9					5					
15												
		38			Light Gray Brown fine to coarse Sand, little fine to coarse Gravel, dense-dry		2					
20					Boring Terminated at 20'							

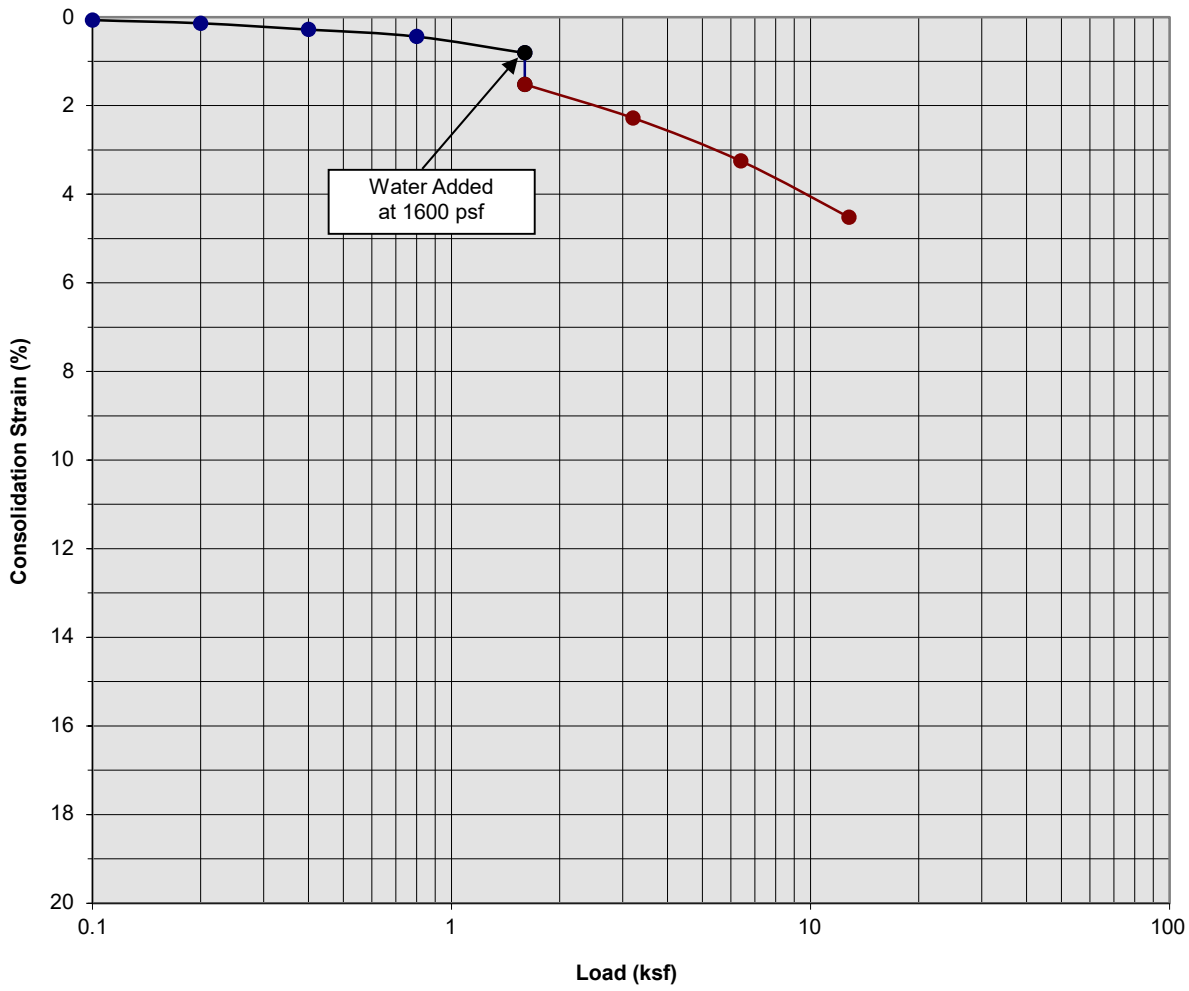
TBL 22G105-1.GPJ SOCALGEO.GDT 4/19/22

TEST BORING LOG

PLATE B-5

APPENDIX C

Consolidation/Collapse Test Results



Classification: Brown fine Sand

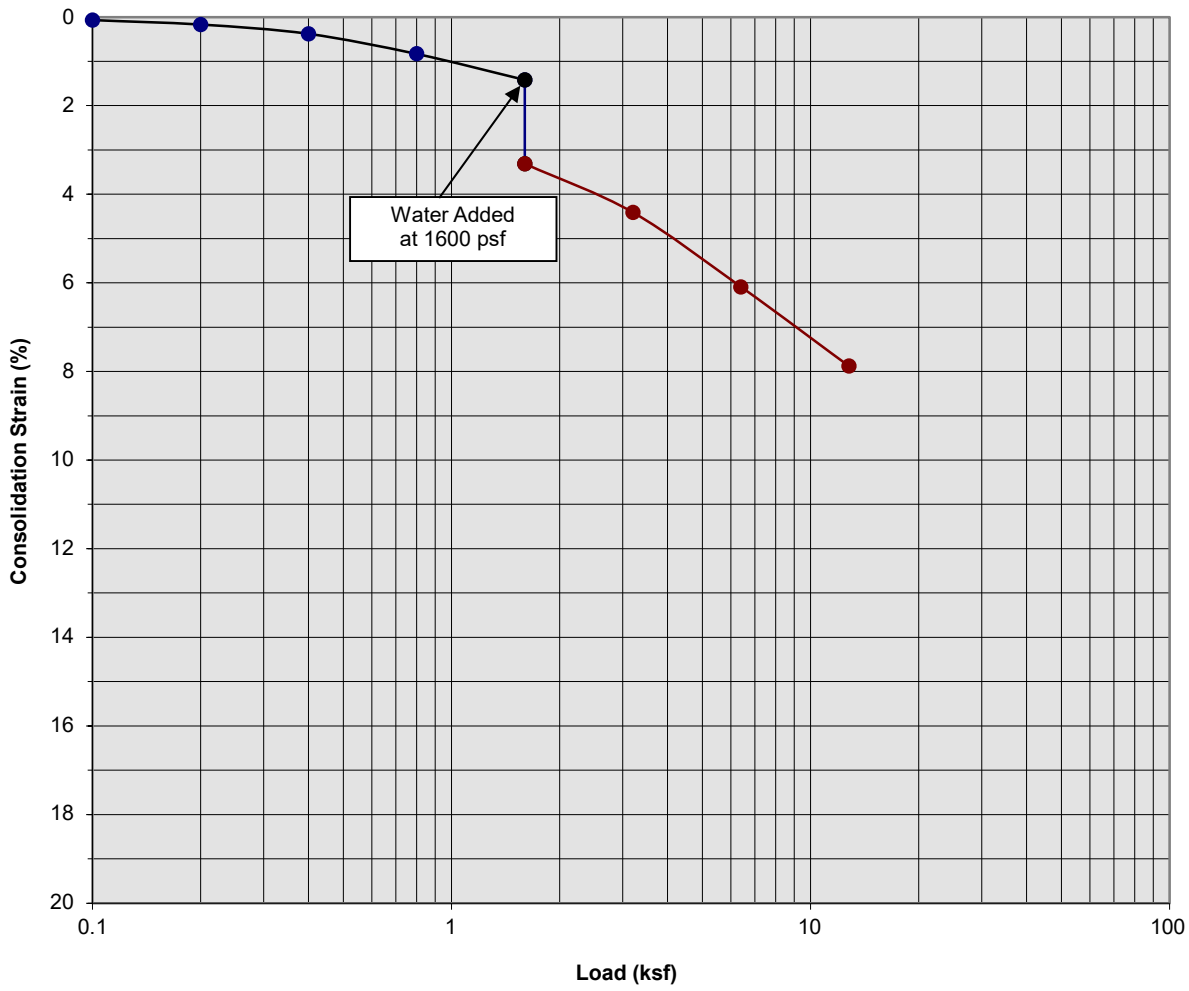
Boring Number:	B-4	Initial Moisture Content (%)	3
Sample Number:	---	Final Moisture Content (%)	17
Depth (ft)	3 to 4	Initial Dry Density (pcf)	106.6
Specimen Diameter (in)	2.4	Final Dry Density (pcf)	111.1
Specimen Thickness (in)	1.0	Percent Collapse (%)	0.71

Proposed Warehouse
Ontario, California
Project No. 22G105-1

PLATE C- 1

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

Consolidation/Collapse Test Results



Classification: Brown Silty Sand, trace coarse Sand

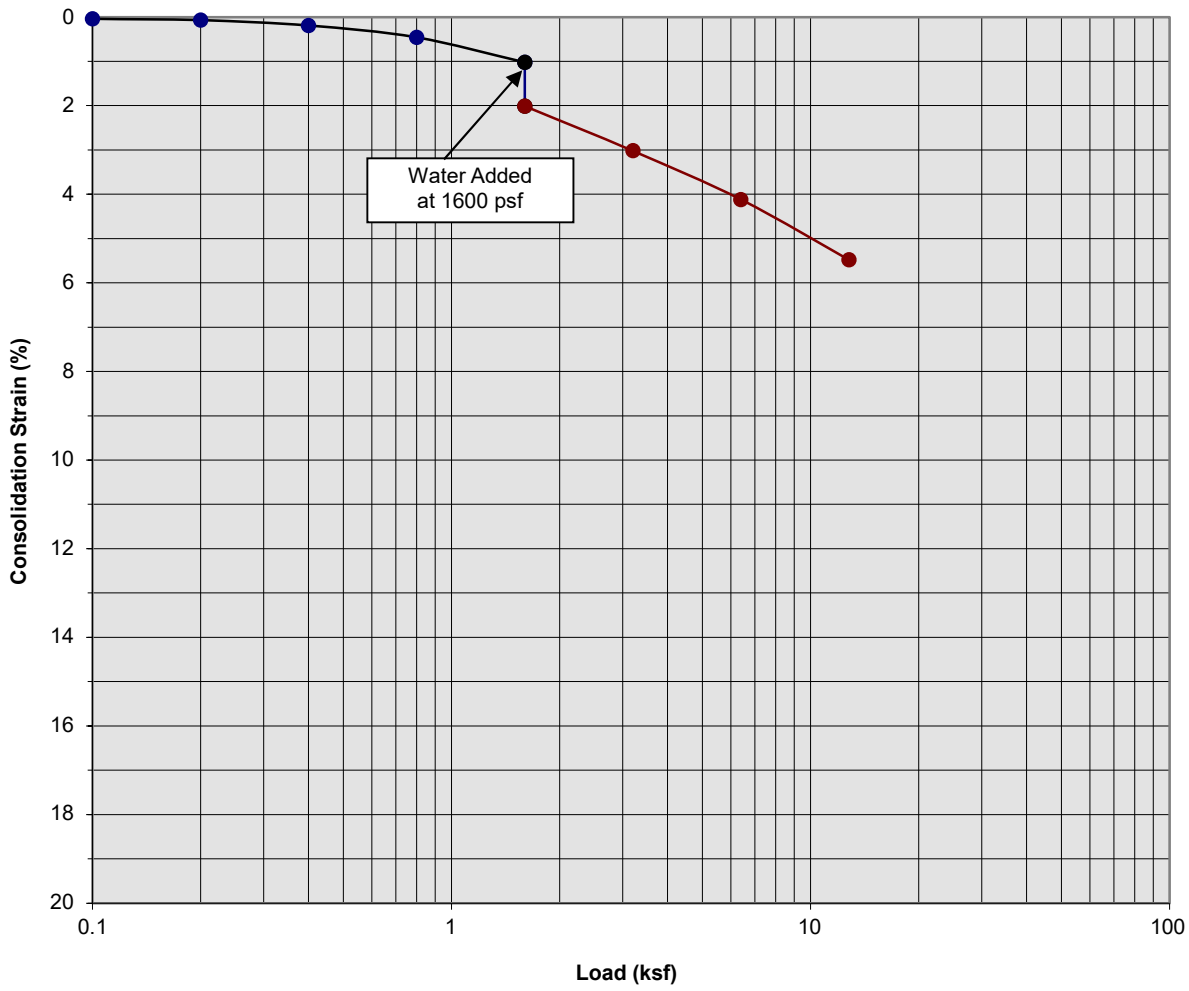
Boring Number:	B-4	Initial Moisture Content (%)	3
Sample Number:	---	Final Moisture Content (%)	16
Depth (ft)	5 to 6	Initial Dry Density (pcf)	107.2
Specimen Diameter (in)	2.4	Final Dry Density (pcf)	116.4
Specimen Thickness (in)	1.0	Percent Collapse (%)	1.89

Proposed Warehouse
Ontario, California
Project No. 22G105-1

PLATE C- 2

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

Consolidation/Collapse Test Results



Classification: Light Gray Brown fine to coarse Sand, trace fine to coarse Gravel

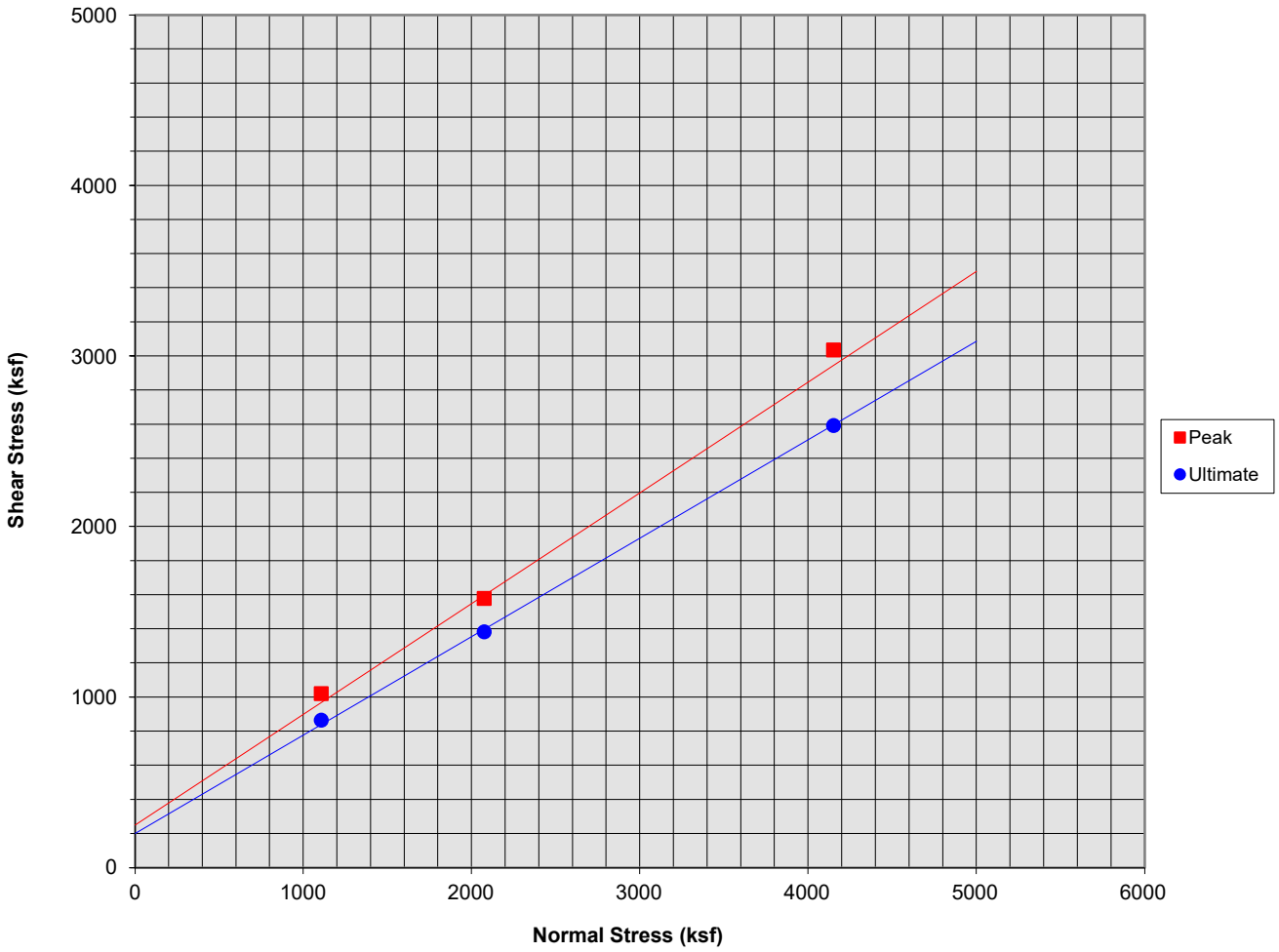
Boring Number:	B-4	Initial Moisture Content (%)	1
Sample Number:	---	Final Moisture Content (%)	11
Depth (ft)	7 to 8	Initial Dry Density (pcf)	119.4
Specimen Diameter (in)	2.4	Final Dry Density (pcf)	125.7
Specimen Thickness (in)	1.0	Percent Collapse (%)	0.99

Proposed Warehouse
Ontario, California
Project No. 22G105-1

PLATE C- 3

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

Direct Shear Test Results
(Undisturbed)



Sample Description: B-4 @ 3'

Classification: Brown fine Sand

Sample Data	
Initial Moisture Content	3.0
Final Moisture Content	18.0
Initial Dry Density	107.0
Final Dry Density	---
Specimen Diameter (in)	2.4
Specimen Thickness (in)	1.0

Test Results		
	Peak	Ultimate
ϕ (°)	33.0	30.0
C (psf)	250	200

Proposed Warehouse
Ontario, California
Project No. 22G105-1

PLATE C- 4

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

APPENDIX D

GRADING GUIDE SPECIFICATIONS

These grading guide specifications are intended to provide typical procedures for grading operations. They are intended to supplement the recommendations contained in the geotechnical investigation report for this project. Should the recommendations in the geotechnical investigation report conflict with the grading guide specifications, the more site specific recommendations in the geotechnical investigation report will govern.

General

- The Earthwork Contractor is responsible for the satisfactory completion of all earthwork in accordance with the plans and geotechnical reports, and in accordance with city, county, and applicable building codes.

- The Geotechnical Engineer is the representative of the Owner/Builder for the purpose of implementing the report recommendations and guidelines. These duties are not intended to relieve the Earthwork Contractor of any responsibility to perform in a workman-like manner, nor is the Geotechnical Engineer to direct the grading equipment or personnel employed by the Contractor.

- The Earthwork Contractor is required to notify the Geotechnical Engineer of the anticipated work and schedule so that testing and inspections can be provided. If necessary, work may be stopped and redone if personnel have not been scheduled in advance.

- The Earthwork Contractor is required to have suitable and sufficient equipment on the job-site to process, moisture condition, mix and compact the amount of fill being placed to the approved compaction. In addition, suitable support equipment should be available to conform with recommendations and guidelines in this report.

- Canyon cleanouts, overexcavation areas, processed ground to receive fill, key excavations, subdrains and benches should be observed by the Geotechnical Engineer prior to placement of any fill. It is the Earthwork Contractor's responsibility to notify the Geotechnical Engineer of areas that are ready for inspection.

- Excavation, filling, and subgrade preparation should be performed in a manner and sequence that will provide drainage at all times and proper control of erosion. Precipitation, springs, and seepage water encountered shall be pumped or drained to provide a suitable working surface. The Geotechnical Engineer must be informed of springs or water seepage encountered during grading or foundation construction for possible revision to the recommended construction procedures and/or installation of subdrains.

Site Preparation

- The Earthwork Contractor is responsible for all clearing, grubbing, stripping and site preparation for the project in accordance with the recommendations of the Geotechnical Engineer.

- If any materials or areas are encountered by the Earthwork Contractor which are suspected of having toxic or environmentally sensitive contamination, the Geotechnical Engineer and Owner/Builder should be notified immediately.

- Major vegetation should be stripped and disposed of off-site. This includes trees, brush, heavy grasses and any materials considered unsuitable by the Geotechnical Engineer.

- Underground structures such as basements, cesspools or septic disposal systems, mining shafts, tunnels, wells and pipelines should be removed under the inspection of the Geotechnical Engineer and recommendations provided by the Geotechnical Engineer and/or city, county or state agencies. If such structures are known or found, the Geotechnical Engineer should be notified as soon as possible so that recommendations can be formulated.

- Any topsoil, slopewash, colluvium, alluvium and rock materials which are considered unsuitable by the Geotechnical Engineer should be removed prior to fill placement.

- Remaining voids created during site clearing caused by removal of trees, foundations basements, irrigation facilities, etc., should be excavated and filled with compacted fill.

- Subsequent to clearing and removals, areas to receive fill should be scarified to a depth of 10 to 12 inches, moisture conditioned and compacted

- The moisture condition of the processed ground should be at or slightly above the optimum moisture content as determined by the Geotechnical Engineer. Depending upon field conditions, this may require air drying or watering together with mixing and/or discing.

Compacted Fills

- Soil materials imported to or excavated on the property may be utilized in the fill, provided each material has been determined to be suitable in the opinion of the Geotechnical Engineer. Unless otherwise approved by the Geotechnical Engineer, all fill materials shall be free of deleterious, organic, or frozen matter, shall contain no chemicals that may result in the material being classified as “contaminated,” and shall be very low to non-expansive with a maximum expansion index (EI) of 50. The top 12 inches of the compacted fill should have a maximum particle size of 3 inches, and all underlying compacted fill material a maximum 6-inch particle size, except as noted below.

- All soils should be evaluated and tested by the Geotechnical Engineer. Materials with high expansion potential, low strength, poor gradation or containing organic materials may require removal from the site or selective placement and/or mixing to the satisfaction of the Geotechnical Engineer.

- Rock fragments or rocks less than 6 inches in their largest dimensions, or as otherwise determined by the Geotechnical Engineer, may be used in compacted fill, provided the distribution and placement is satisfactory in the opinion of the Geotechnical Engineer.

- Rock fragments or rocks greater than 12 inches should be taken off-site or placed in accordance with recommendations and in areas designated as suitable by the Geotechnical Engineer. These materials should be placed in accordance with Plate D-8 of these Grading Guide Specifications and in accordance with the following recommendations:

    - Rocks 12 inches or more in diameter should be placed in rows at least 15 feet apart, 15 feet from the edge of the fill, and 10 feet or more below subgrade. Spaces should be left between each rock fragment to provide for placement and compaction of soil around the fragments.

    - Fill materials consisting of soil meeting the minimum moisture content requirements and free of oversize material should be placed between and over the rows of rock or

concrete. Ample water and compactive effort should be applied to the fill materials as they are placed in order that all of the voids between each of the fragments are filled and compacted to the specified density.

- Subsequent rows of rocks should be placed such that they are not directly above a row placed in the previous lift of fill. A minimum 5-foot offset between rows is recommended.

- To facilitate future trenching, oversized material should not be placed within the range of foundation excavations, future utilities or other underground construction unless specifically approved by the soil engineer and the developer/owner representative.

- Fill materials approved by the Geotechnical Engineer should be placed in areas previously prepared to receive fill and in evenly placed, near horizontal layers at about 6 to 8 inches in loose thickness, or as otherwise determined by the Geotechnical Engineer for the project.

- Each layer should be moisture conditioned to optimum moisture content, or slightly above, as directed by the Geotechnical Engineer. After proper mixing and/or drying, to evenly distribute the moisture, the layers should be compacted to at least 90 percent of the maximum dry density in compliance with ASTM D-1557-78 unless otherwise indicated.

- Density and moisture content testing should be performed by the Geotechnical Engineer at random intervals and locations as determined by the Geotechnical Engineer. These tests are intended as an aid to the Earthwork Contractor, so he can evaluate his workmanship, equipment effectiveness and site conditions. The Earthwork Contractor is responsible for compaction as required by the Geotechnical Report(s) and governmental agencies.

- Fill areas unused for a period of time may require moisture conditioning, processing and recompaction prior to the start of additional filling. The Earthwork Contractor should notify the Geotechnical Engineer of his intent so that an evaluation can be made.

- Fill placed on ground sloping at a 5-to-1 inclination (horizontal-to-vertical) or steeper should be benched into bedrock or other suitable materials, as directed by the Geotechnical Engineer. Typical details of benching are illustrated on Plates D-2, D-4, and D-5.

- Cut/fill transition lots should have the cut portion overexcavated to a depth of at least 3 feet and rebuilt with fill (see Plate D-1), as determined by the Geotechnical Engineer.

- All cut lots should be inspected by the Geotechnical Engineer for fracturing and other bedrock conditions. If necessary, the pads should be overexcavated to a depth of 3 feet and rebuilt with a uniform, more cohesive soil type to impede moisture penetration.

- Cut portions of pad areas above buttresses or stabilizations should be overexcavated to a depth of 3 feet and rebuilt with uniform, more cohesive compacted fill to impede moisture penetration.

- Non-structural fill adjacent to structural fill should typically be placed in unison to provide lateral support. Backfill along walls must be placed and compacted with care to ensure that excessive unbalanced lateral pressures do not develop. The type of fill material placed adjacent to below grade walls must be properly tested and approved by the Geotechnical Engineer with consideration of the lateral earth pressure used in the design.

Foundations

- The foundation influence zone is defined as extending one foot horizontally from the outside edge of a footing, and proceeding downward at a ½ horizontal to 1 vertical (0.5:1) inclination.

- Where overexcavation beneath a footing subgrade is necessary, it should be conducted so as to encompass the entire foundation influence zone, as described above.

- Compacted fill adjacent to exterior footings should extend at least 12 inches above foundation bearing grade. Compacted fill within the interior of structures should extend to the floor subgrade elevation.

Fill Slopes

- The placement and compaction of fill described above applies to all fill slopes. Slope compaction should be accomplished by overfilling the slope, adequately compacting the fill in even layers, including the overfilled zone and cutting the slope back to expose the compacted core

- Slope compaction may also be achieved by backrolling the slope adequately every 2 to 4 vertical feet during the filling process as well as requiring the earth moving and compaction equipment to work close to the top of the slope. Upon completion of slope construction, the slope face should be compacted with a sheepsfoot connected to a sideboom and then grid rolled. This method of slope compaction should only be used if approved by the Geotechnical Engineer.

- Sandy soils lacking in adequate cohesion may be unstable for a finished slope condition and therefore should not be placed within 15 horizontal feet of the slope face.

- All fill slopes should be keyed into bedrock or other suitable material. Fill keys should be at least 15 feet wide and inclined at 2 percent into the slope. For slopes higher than 30 feet, the fill key width should be equal to one-half the height of the slope (see Plate D-5).

- All fill keys should be cleared of loose slough material prior to geotechnical inspection and should be approved by the Geotechnical Engineer and governmental agencies prior to filling.

- The cut portion of fill over cut slopes should be made first and inspected by the Geotechnical Engineer for possible stabilization requirements. The fill portion should be adequately keyed through all surficial soils and into bedrock or suitable material. Soils should be removed from the transition zone between the cut and fill portions (see Plate D-2).

Cut Slopes

- All cut slopes should be inspected by the Geotechnical Engineer to determine the need for stabilization. The Earthwork Contractor should notify the Geotechnical Engineer when slope cutting is in progress at intervals of 10 vertical feet. Failure to notify may result in a delay in recommendations.

- Cut slopes exposing loose, cohesionless sands should be reported to the Geotechnical Engineer for possible stabilization recommendations.

- All stabilization excavations should be cleared of loose slough material prior to geotechnical inspection. Stakes should be provided by the Civil Engineer to verify the location and dimensions of the key. A typical stabilization fill detail is shown on Plate D-5.

- Stabilization key excavations should be provided with subdrains. Typical subdrain details are shown on Plates D-6.

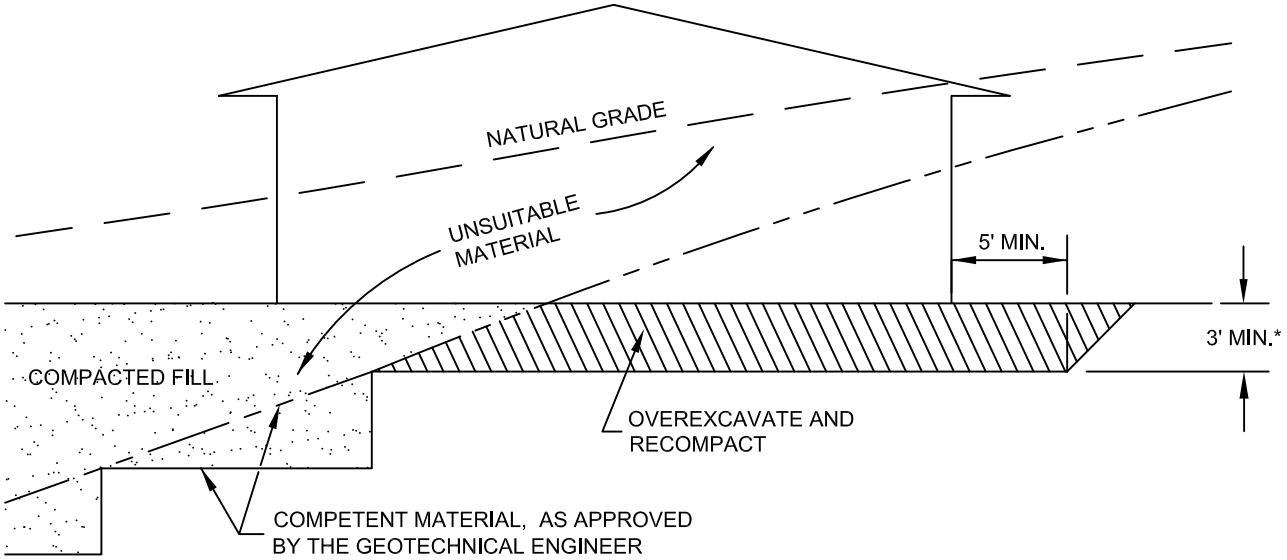
Subdrains

- Subdrains may be required in canyons and swales where fill placement is proposed. Typical subdrain details for canyons are shown on Plate D-3. Subdrains should be installed after approval of removals and before filling, as determined by the Soils Engineer.

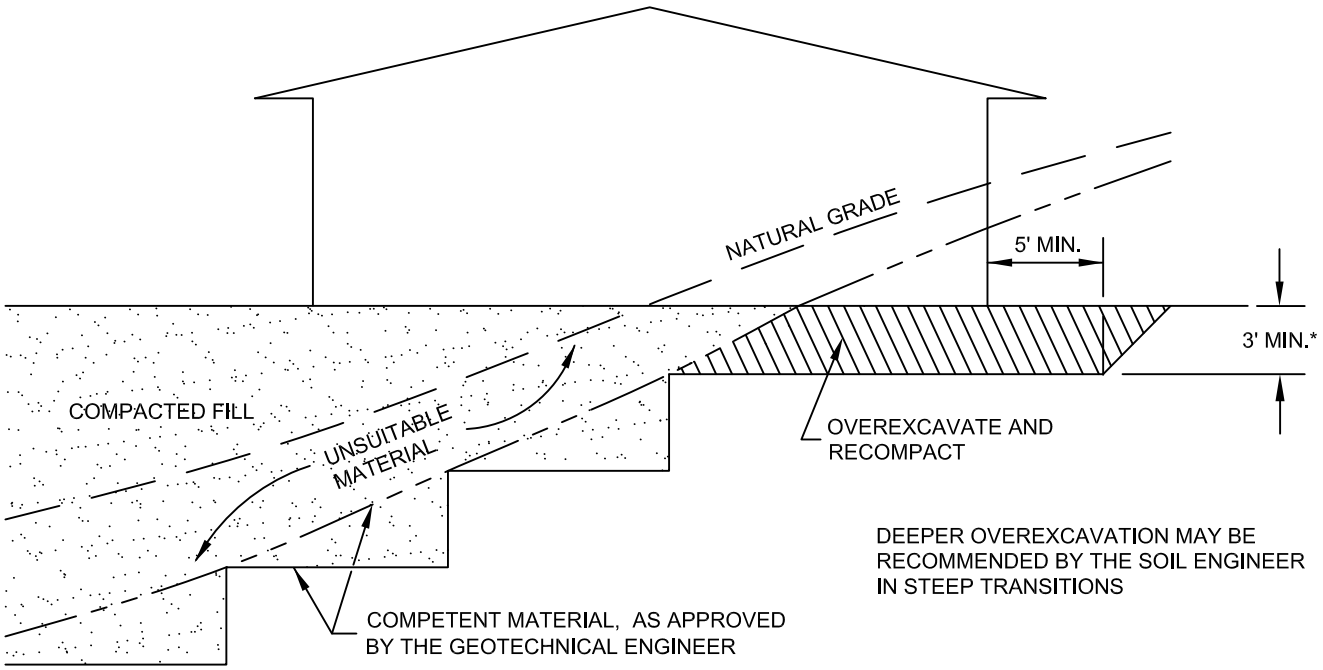
- Plastic pipe may be used for subdrains provided it is Schedule 40 or SDR 35 or equivalent. Pipe should be protected against breakage, typically by placement in a square-cut (backhoe) trench or as recommended by the manufacturer.

- Filter material for subdrains should conform to CALTRANS Specification 68-1.025 or as approved by the Geotechnical Engineer for the specific site conditions. Clean ¾-inch crushed rock may be used provided it is wrapped in an acceptable filter cloth and approved by the Geotechnical Engineer. Pipe diameters should be 6 inches for runs up to 500 feet and 8 inches for the downstream continuations of longer runs. Four-inch diameter pipe may be used in buttress and stabilization fills.

CUT LOT



CUT/FILL LOT (TRANSITION)



*SEE TEXT OF REPORT FOR SPECIFIC RECOMMENDATION. ACTUAL DEPTH OF OVEREXCAVATION MAY BE GREATER.

TRANSITION LOT DETAIL

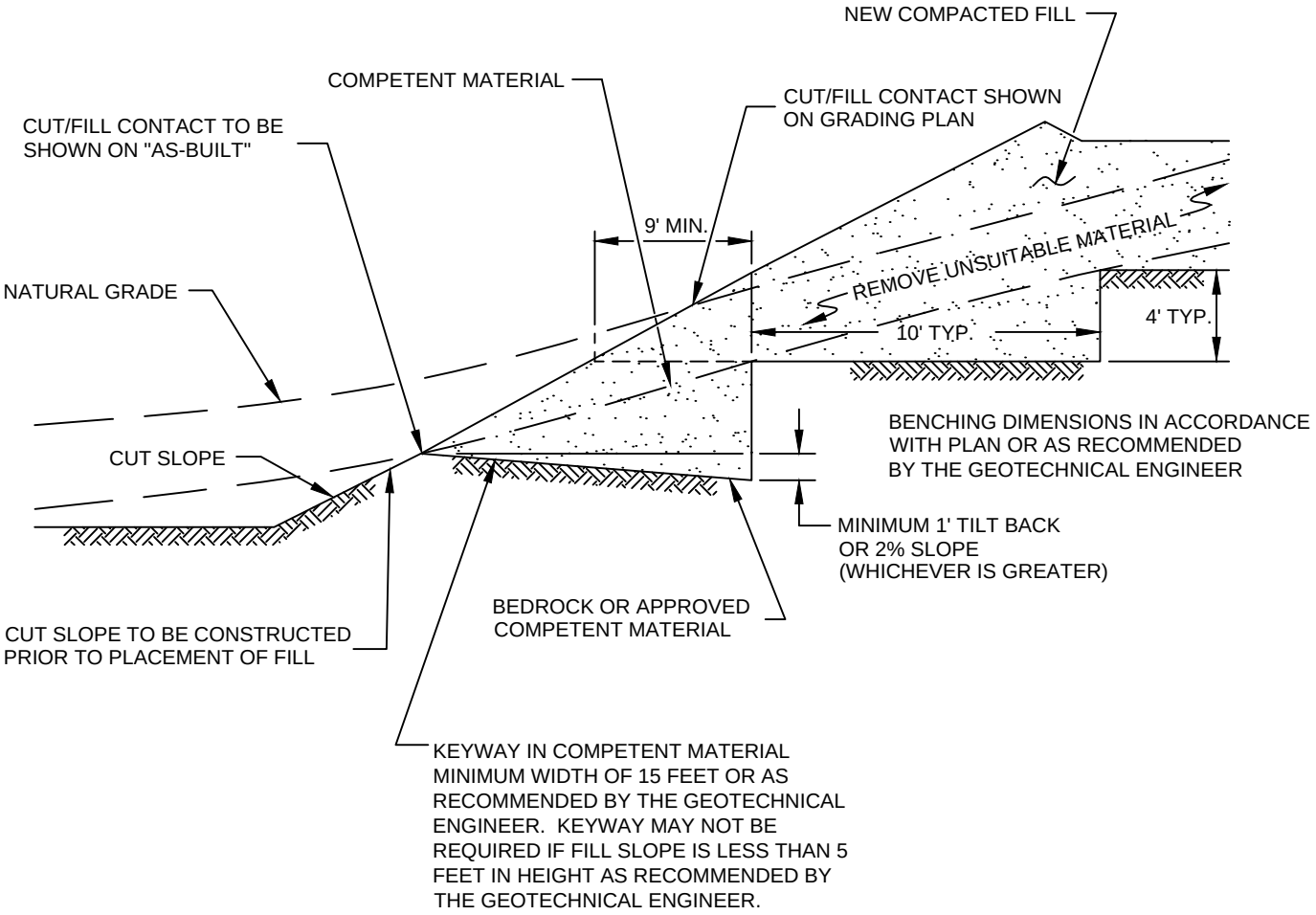
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-1

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



FILL ABOVE CUT SLOPE DETAIL

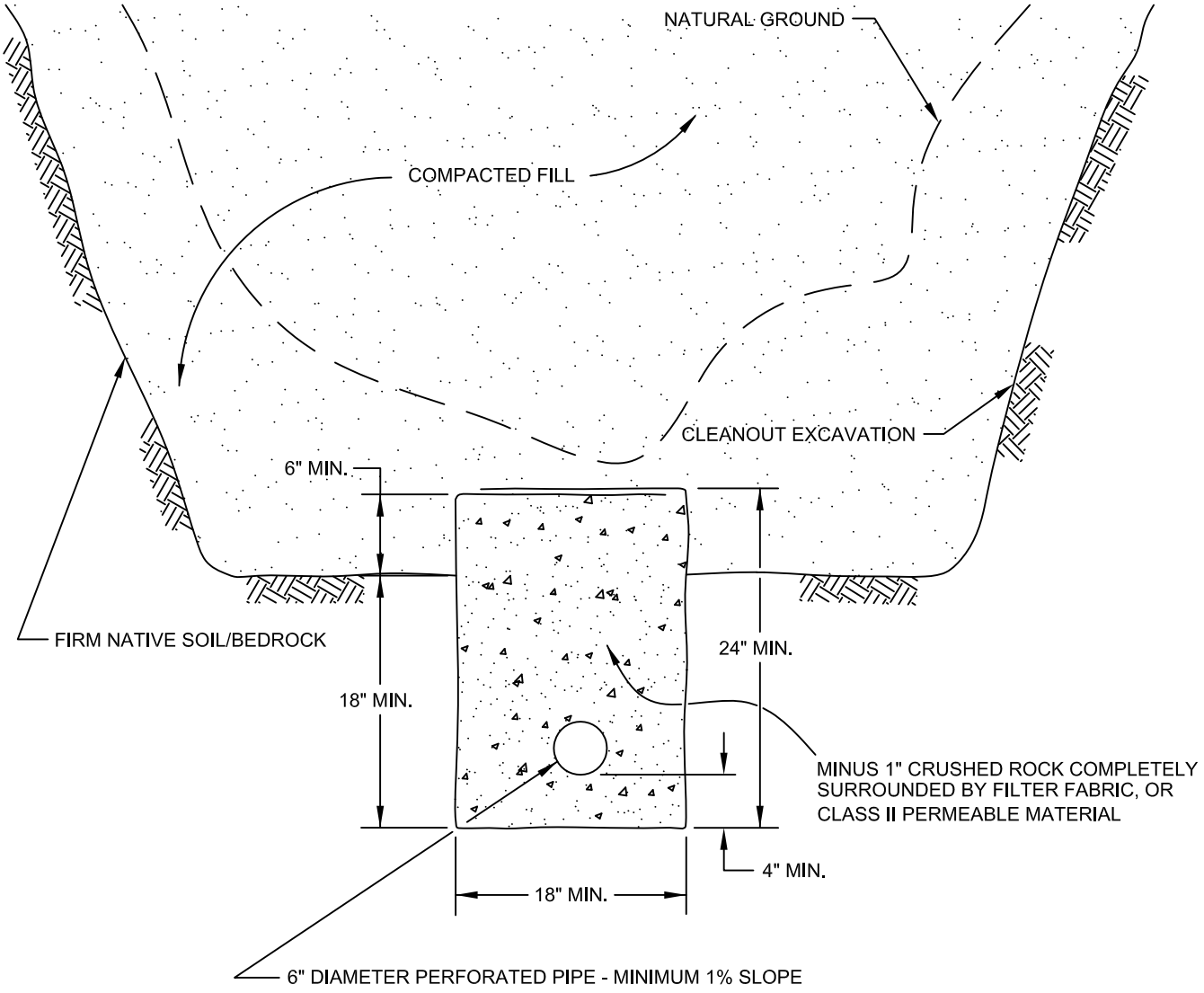
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-2

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



PIPE MATERIAL	DEPTH OF FILL OVER SUBDRAIN
ADS (CORRUGATED POLETHYLENE)	8
TRANSITE UNDERDRAIN	20
PVC OR ABS: SDR 35	35
SDR 21	100

SCHEMATIC ONLY
NOT TO SCALE

CANYON SUBDRAIN DETAIL

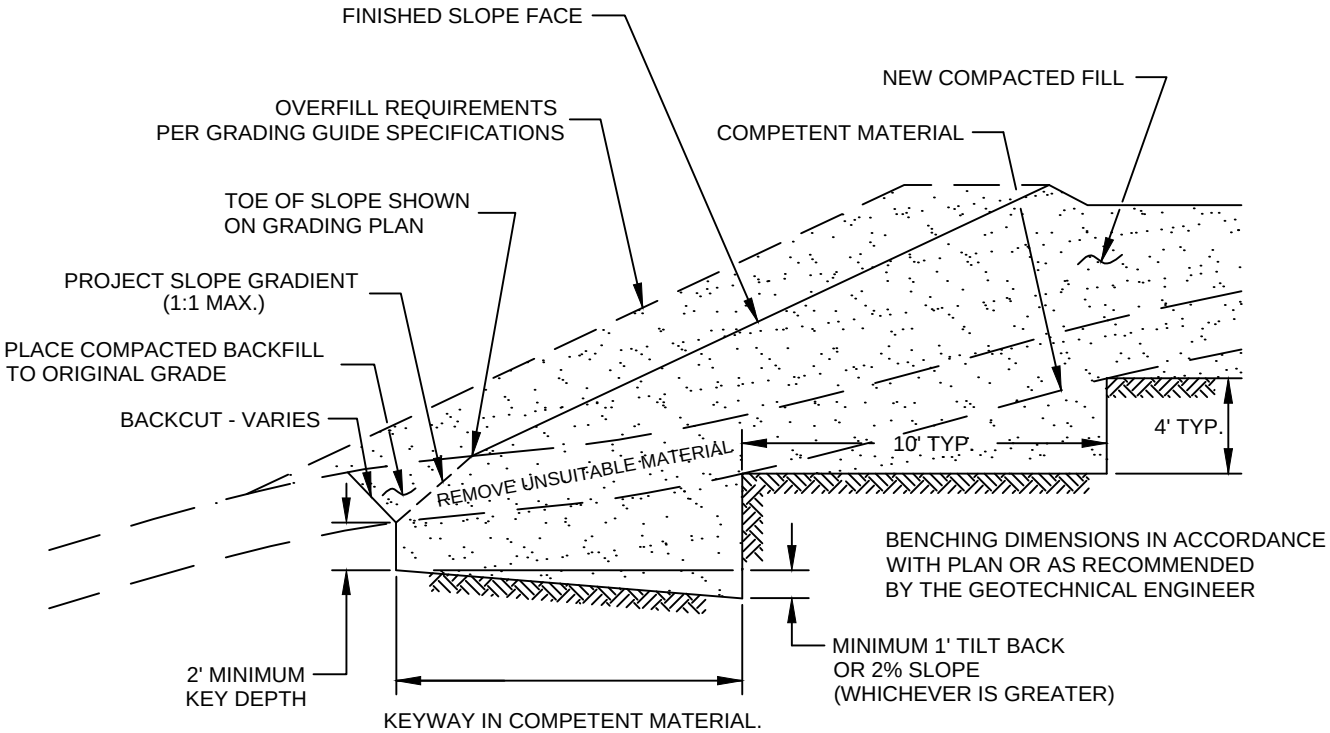
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-3

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



NOTE:
BENCHING SHALL BE REQUIRED WHEN NATURAL SLOPES ARE EQUAL TO OR STEEPER THAN 5:1 OR WHEN RECOMMENDED BY THE GEOTECHNICAL ENGINEER.

FILL ABOVE NATURAL SLOPE DETAIL

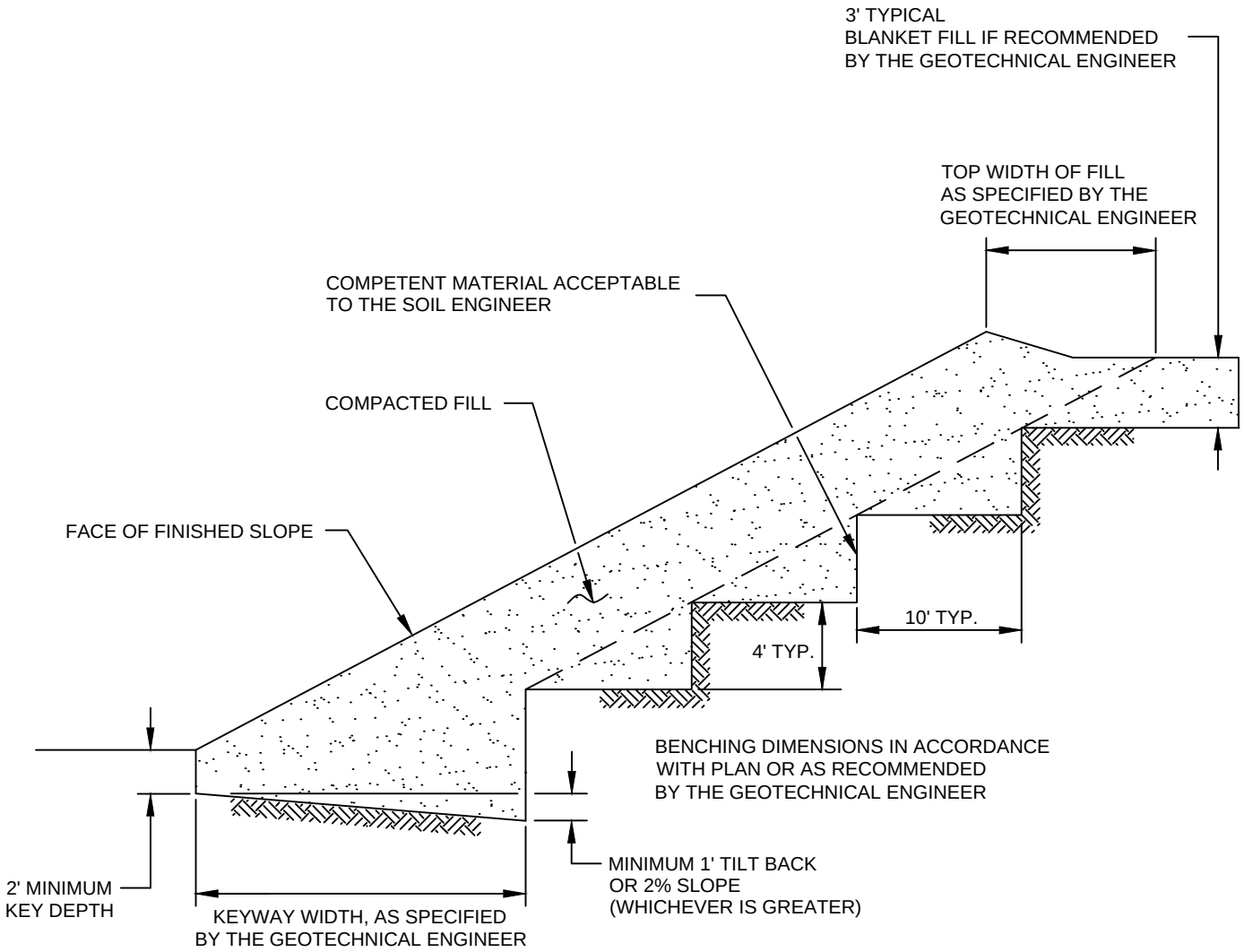
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-4

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



STABILIZATION FILL DETAIL

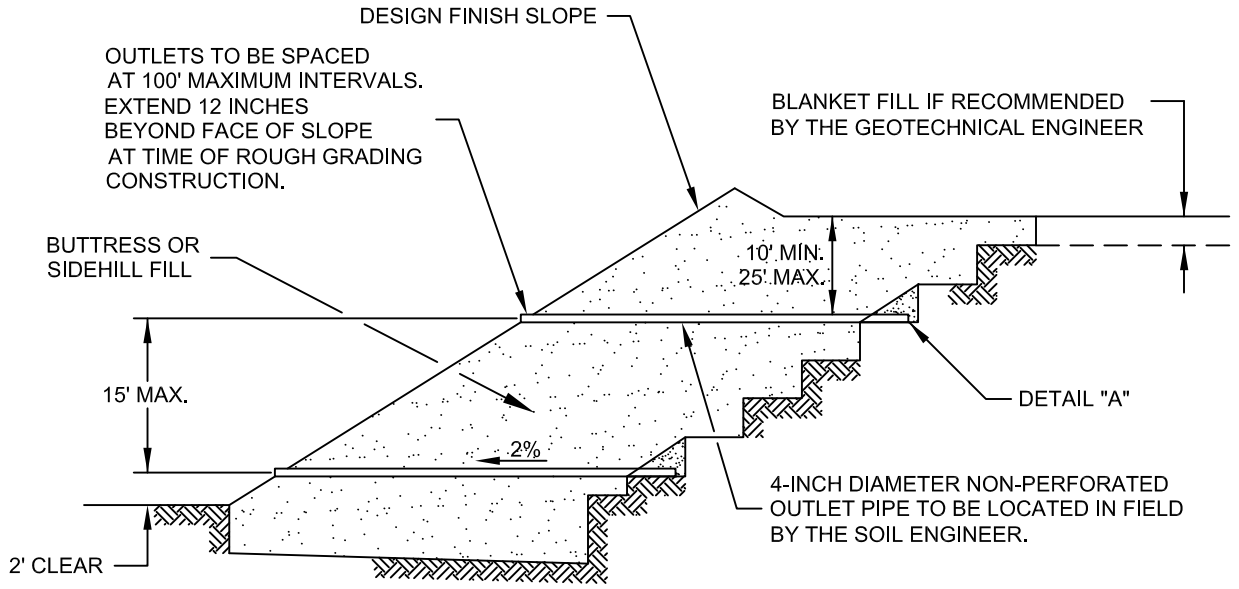
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-5

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



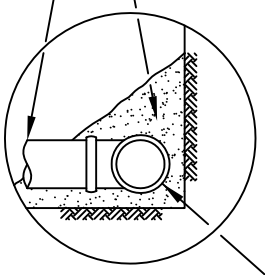
"FILTER MATERIAL" TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUIVALENT: (CONFORMS TO EMA STD. PLAN 323)

SIEVE SIZE	PERCENTAGE PASSING
1"	100
3/4"	90-100
3/8"	40-100
NO. 4	25-40
NO. 8	18-33
NO. 30	5-15
NO. 50	0-7
NO. 200	0-3

"GRAVEL" TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUIVALENT:

SIEVE SIZE	MAXIMUM PERCENTAGE PASSING
1 1/2"	100
NO. 4	50
NO. 200	8

SAND EQUIVALENT = MINIMUM OF 50



DETAIL "A"

NOTES:
1. TRENCH FOR OUTLET PIPES TO BE BACKFILLED WITH ON-SITE SOIL.

SLOPE FILL SUBDRAINS

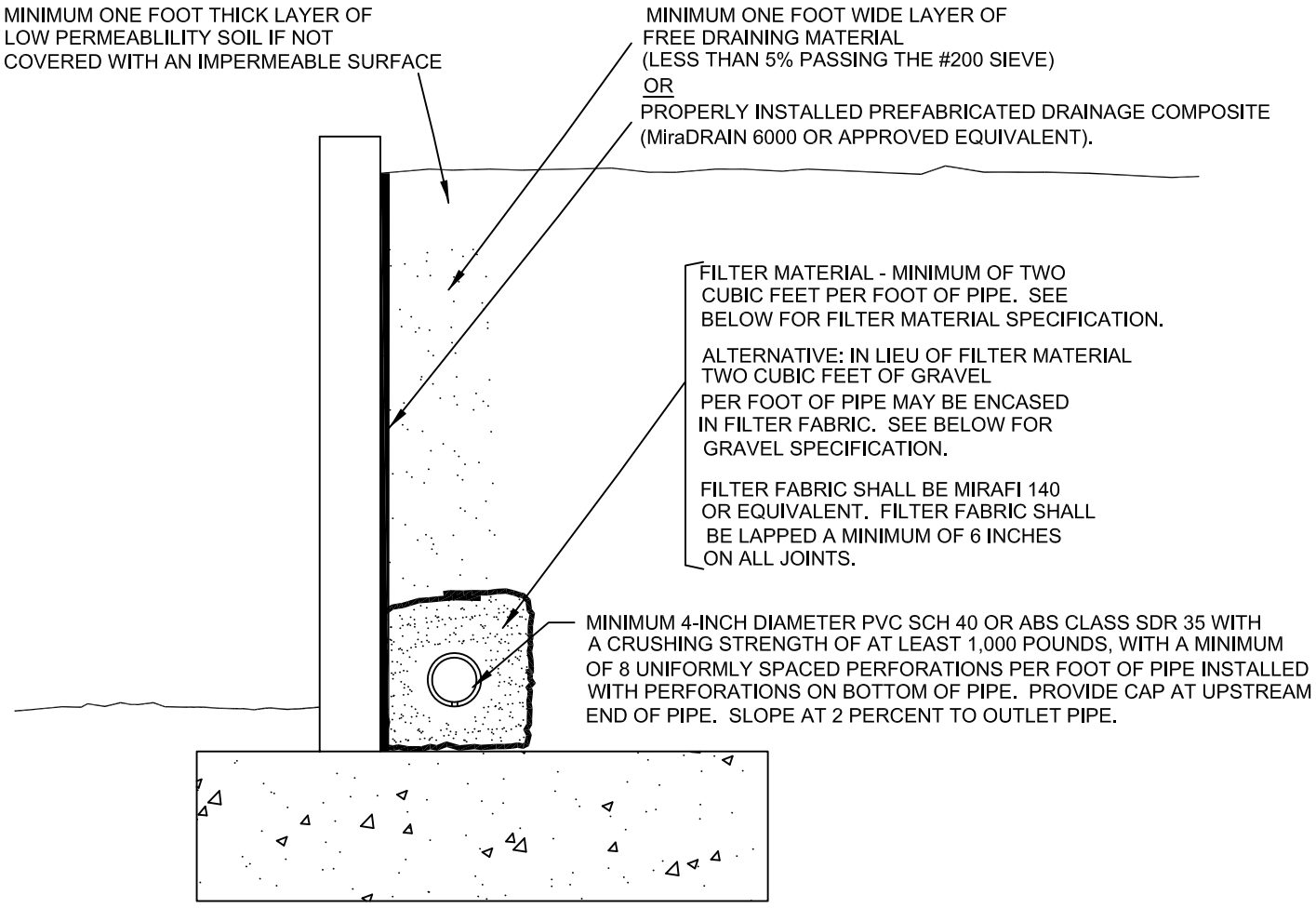
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-6

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



"FILTER MATERIAL" TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUIVALENT: (CONFORMS TO EMA STD. PLAN 323)

SIEVE SIZE	PERCENTAGE PASSING
1"	100
3/4"	90-100
3/8"	40-100
NO. 4	25-40
NO. 8	18-33
NO. 30	5-15
NO. 50	0-7
NO. 200	0-3

"GRAVEL" TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUIVALENT:

SIEVE SIZE	MAXIMUM PERCENTAGE PASSING
1 1/2"	100
NO. 4	50
NO. 200	8

SAND EQUIVALENT = MINIMUM OF 50

RETAINING WALL BACKDRAINS

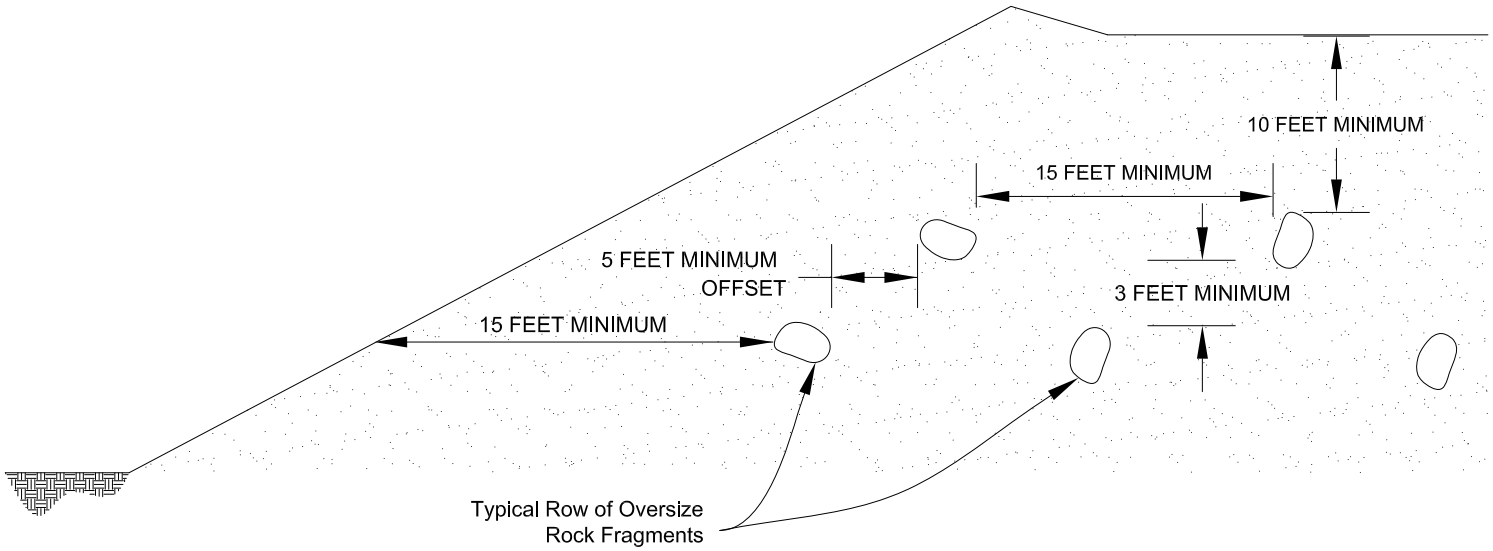
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

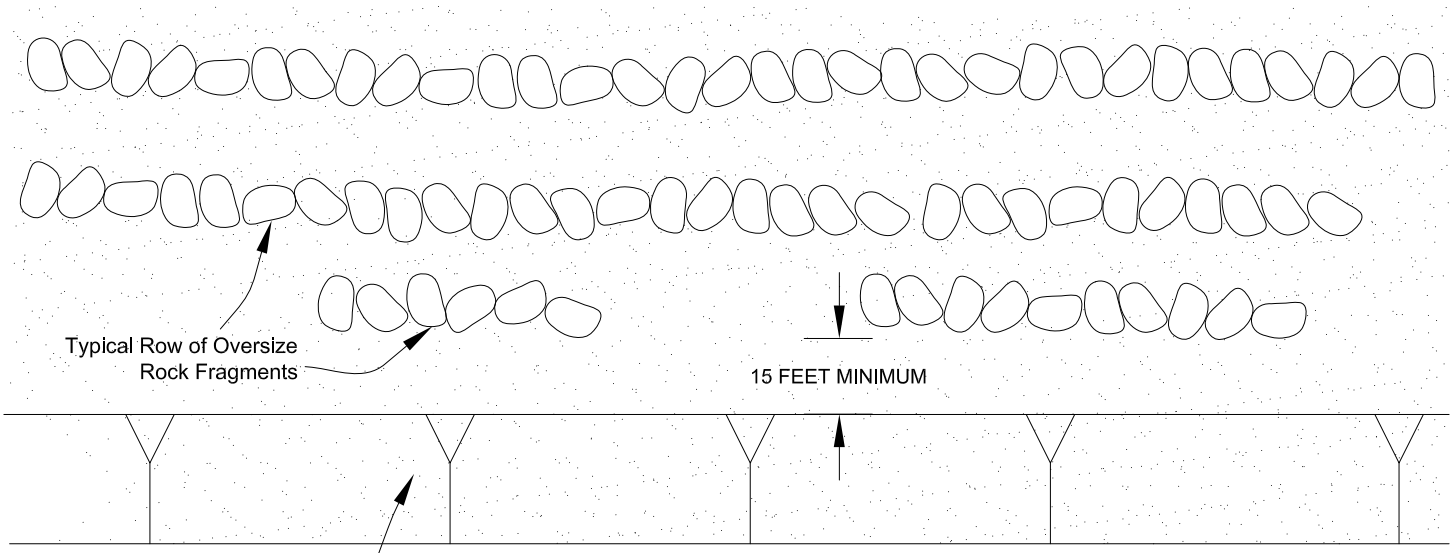
DRAWN: JAS
CHKD: GKM

PLATE D-7

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



Section View



Plan View

PLACEMENT OF OVERSIZED MATERIAL

GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: PM
CHKD: GKM

PLATE D-8

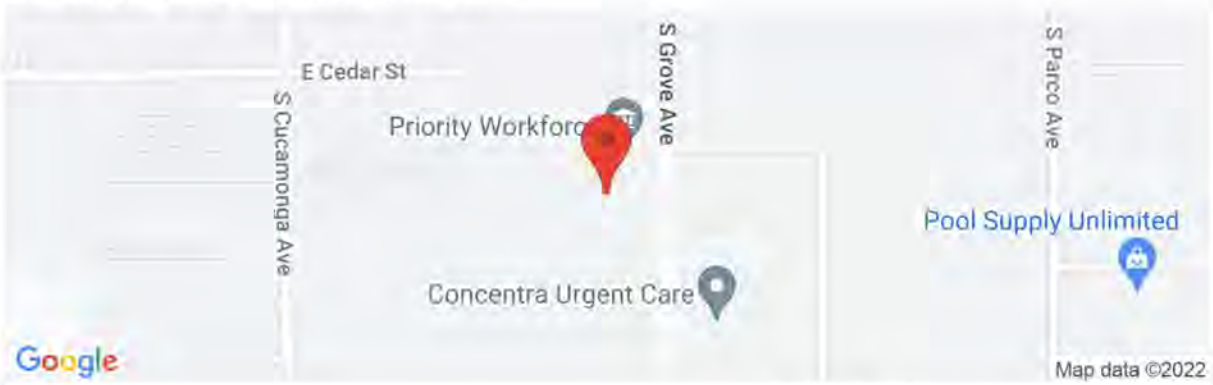
SoCalGeo

SOUTHERN CALIFORNIA GEOTECHNICAL

APPENDIX E

OSHPD

Latitude, Longitude: 34.036430, -117.629200



Date	4/7/2022, 4:46:25 PM
Design Code Reference Document	ASCE7-16
Risk Category	III
Site Class	D - Stiff Soil

Type	Value	Description
S_S	1.573	MCE_R ground motion. (for 0.2 second period)
S_1	0.578	MCE_R ground motion. (for 1.0s period)
S_{MS}	1.573	Site-modified spectral acceleration value
S_{M1}	null -See Section 11.4.8	Site-modified spectral acceleration value
S_{DS}	1.049	Numeric seismic design value at 0.2 second SA
S_{D1}	null -See Section 11.4.8	Numeric seismic design value at 1.0 second SA

Type	Value	Description
SDC	null -See Section 11.4.8	Seismic design category
F_a	1	Site amplification factor at 0.2 second
F_v	null -See Section 11.4.8	Site amplification factor at 1.0 second
PGA	0.637	MCE_G peak ground acceleration
F_{PGA}	1.1	Site amplification factor at PGA
PGA_M	0.701	Site modified peak ground acceleration
T_L	8	Long-period transition period in seconds
SsRT	1.587	Probabilistic risk-targeted ground motion. (0.2 second)
SsUH	1.695	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
SsD	1.573	Factored deterministic acceleration value. (0.2 second)
S1RT	0.578	Probabilistic risk-targeted ground motion. (1.0 second)
S1UH	0.631	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
S1D	0.6	Factored deterministic acceleration value. (1.0 second)
PGAd	0.637	Factored deterministic acceleration value. (Peak Ground Acceleration)
C_{RS}	0.936	Mapped value of the risk coefficient at short periods
C_{R1}	0.915	Mapped value of the risk coefficient at a period of 1 s

SOURCE: SEAOC/OSHPD Seismic Design Maps Tool
<https://seismicmaps.org/>

SEISMIC DESIGN PARAMETERS - 2019 CBC

PROPOSED WAREHOUSE

ONTARIO, CALIFORNIA

DRAWN: JAZ
CHKD: RGT

SCG PROJECT
22G105-1

PLATE E-1

SoCalGeo SOUTHERN CALIFORNIA GEOTECHNICAL

PALEOWEST

T: 909.283.7533
F: 602.254.6280
info@paleowest.com

REDLANDS OFFICE
301 9th Street, Suite 114
Redlands, California 92374

May 12, 2022

First Industrial Realty Trust, Inc., First Industrial, L.P.,
First Industrial Acquisitions II, LLC, and their Affiliates and Assigns
c/o Angela Truong, P.E.
Project Engineer
Roux Associates, Inc.
5150 E. Pacific Coast Highway, Suite 450
Long Beach, California 90804
Transmitted via email to atruong@rouxinc.com

RE: Paleontological Resource Assessment for the 2042 South Grove Avenue Project, City of Ontario, San Bernardino County, California

Dear Ms. Truong,

On behalf of First Industrial Realty Trust, Inc., First Industrial, L.P., First Industrial Acquisitions II, LLC and their affiliates and assigns, and at the request of Roux, Inc. (Roux), PaleoWest, LLC (PaleoWest) conducted a paleontological resource assessment for the 2042 South Grove Avenue Project (Project), in the City of Ontario, San Bernardino County, California. The goal of the assessment is to identify the geologic units that may be impacted by development of the Project, determine the paleontological sensitivity of geologic units within the Project area, assess potential for impacts to paleontological resources from development of the Project, and recommend mitigation measures to avoid or mitigate impacts to scientifically significant paleontological resources, as necessary.

This paleontological resource assessment included a fossil locality records search conducted by the Western Science Center (WSC), in the City of Hemet, California. The WSC records search was supplemented by a review of existing geologic maps, online fossil locality databases, and primary literature regarding fossiliferous geologic units within the proposed Project vicinity and region. This technical memorandum, which was written in accordance with the guidelines set forth by the Society of Vertebrate Paleontology (SVP) (2010), has been prepared to support the environmental review under the California Environmental Quality Act (CEQA).

PROJECT LOCATION AND DESCRIPTION

The proposed Project involves the redevelopment of a lot at 2042 South Grove Avenue (Figure 1). This Project is within Assessor's Parcel Number 105049111, which is fully developed and is approximately 4.2 acres in an unsectioned portion of Township 1 South, Range 7 West on the Santa Ana Del Chino Land Grant, San Bernardino Baseline and Meridian (SBBM), as depicted in the Ontario, California U.S. Geological 7.5' Quadrangle (1982) (Figure 2).

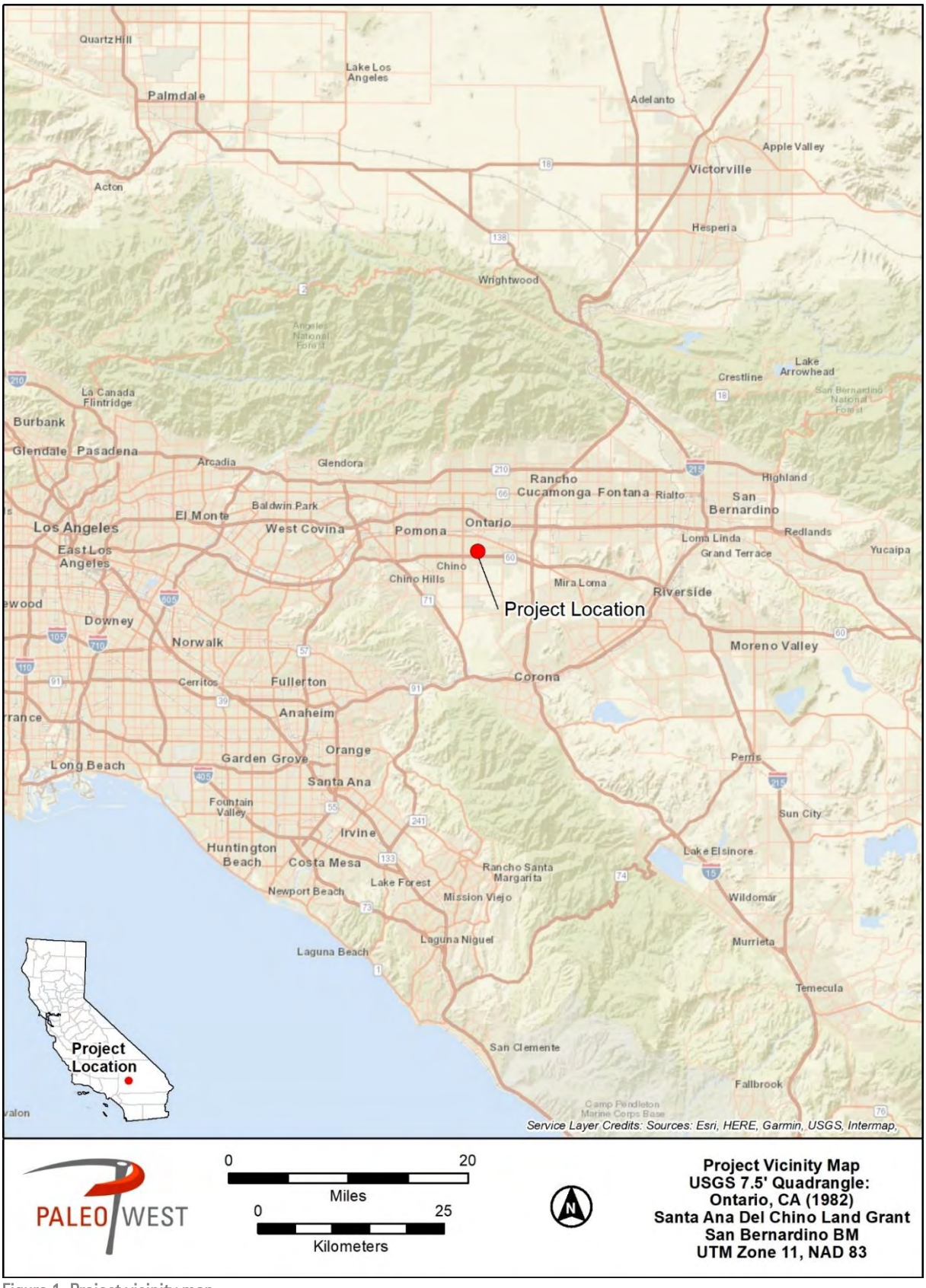


Figure 1. Project vicinity map.

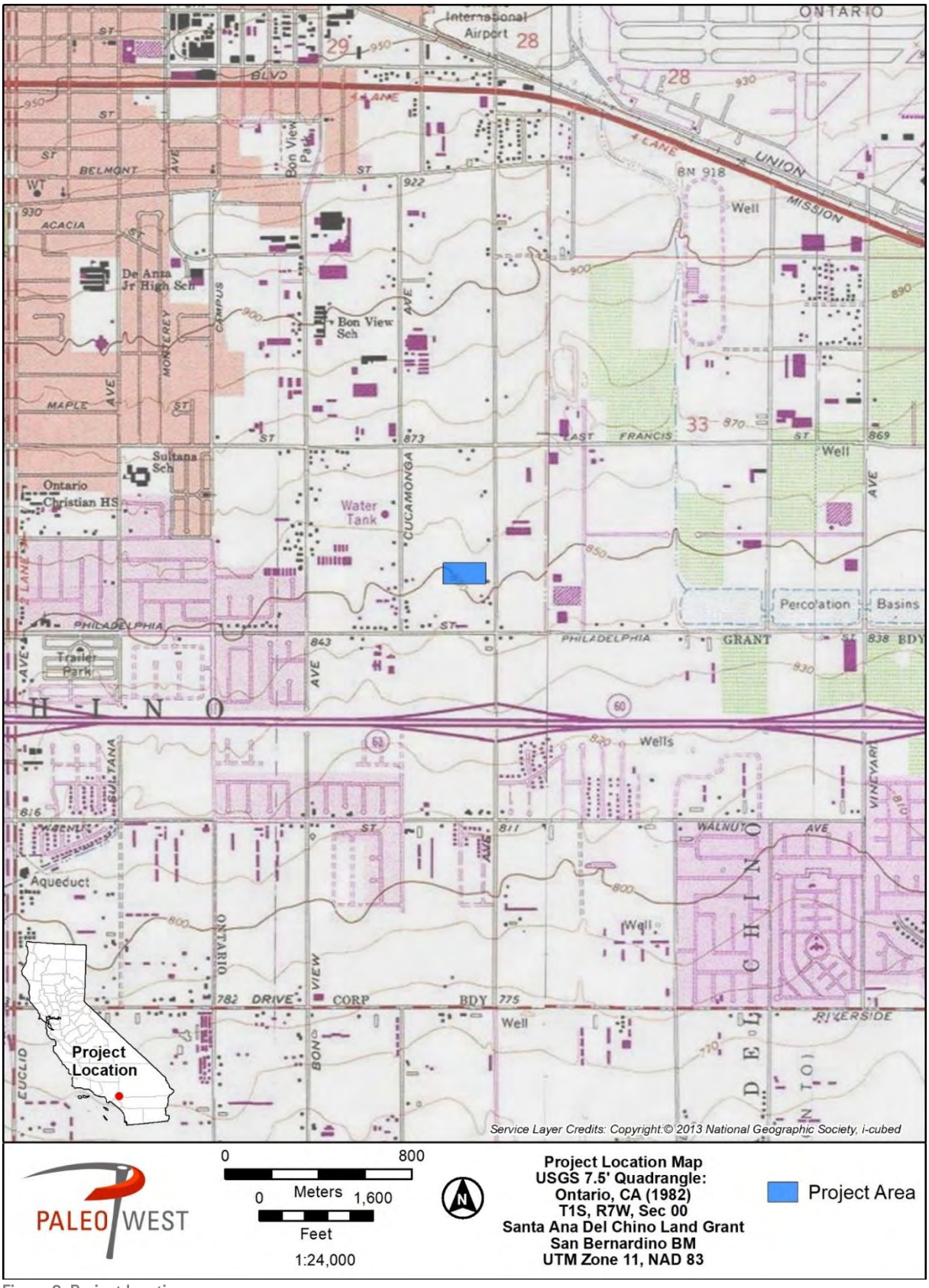


Figure 2. Project location map.

REGULATORY CONTEXT

Paleontological resources (i.e., fossils) are considered nonrenewable scientific resources because once destroyed, they cannot be replaced. As such, paleontological resources are afforded protection under various federal, state, and local laws and regulations. Laws pertinent to this Project are discussed below.

STATE LAWS AND REGULATIONS

California Environmental Quality Act

CEQA requires that public agencies and private interests identify the potential environmental consequences of their Projects on any object or site of significance to the scientific annals of California (Division I, California Public Resources Code [PRC] Section 5020.1 [j]). Appendix G in Section 15023 provides an Environmental Checklist of questions (Section 15023, Appendix G, Section VII, Part F) that includes the following: "Would the project directly or indirectly destroy a unique paleontological resource or site or unique geological feature?"

CEQA does not define "a unique paleontological resource or site." However, the SVP has provided guidance specifically designed to support state and federal environmental review in absence of agency guidelines. The SVP broadly defines significant paleontological resources as follows (SVP, 2010, page 11):

> "Fossils and fossiliferous deposits consisting of identifiable vertebrate fossils, large or small, uncommon invertebrate, plant, and trace fossils, and other data that provide taphonomic, taxonomic, phylogenetic, paleoecologic, stratigraphic, and/or biochronologic information. Paleontological resources are considered to be older than recorded human history and/or older than middle Holocene (i.e., older than about 5,000 radiocarbon years)."

Significant paleontological resources are determined to be fossils or assemblages of fossils that are unique, unusual, rare, diagnostically important, or are common but have the potential to provide valuable scientific information for evaluating evolutionary patterns and processes, or could improve our understanding of paleochronology, paleoecology, paleophylogeography, or depositional histories. New or unique specimens can provide new insights into evolutionary history; however, additional specimens of even well represented lineages can be equally important for studying evolutionary pattern and process, evolutionary rates, and paleophylogeography. Even unidentifiable material can provide useful data for dating geologic units if radiometric dating is possible. As such, common fossils (especially vertebrates) may be scientifically important, and therefore considered significant.

California Public Resources Code

Section 5097.5 of the Public Resources Code (PRC) states:

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

public agency having jurisdiction over such lands. Violation of this section is a misdemeanor. As used in this PRC section, 'public lands' means lands owned by, or under the jurisdiction of, the state or any city, county, district, authority, or public corporation, or any agency thereof."

Consequently, public agencies are required to comply with PRC 5097.5 for their own activities, including construction and maintenance, as well as for permit actions (e.g., encroachment permits) undertaken by others.

LOCAL

The County of San Bernardino has goals and policies related to paleontological resource issues in their General Plan (County of San Bernardino, 2020). The following presents the countywide goal for paleontological resources and their associated policies and programs.

- GOAL CR-2: Historic resources (buildings, structures, or archaeological resources) and paleontological resources that are protected and preserved for their cultural importance to local communities as well as their research and educational potential.
- CR-2.1: National and state historic resources. We encourage the preservation of archaeological sites and structures of state or national significance in accordance with the Secretary of Interior's standards.
- CR-2.2: Local historic resources. We encourage property owners to maintain the historic integrity of resources on their property by (listed in order of preference): preservation, adaptive reuse, or memorialization.
- CR-2.3: Paleontological and archaeological resources. We strive to protect paleontological and archaeological resources from loss or destruction by requiring that new development include appropriate mitigation to preserve the quality and integrity of these resources. We require new development to avoid paleontological and archeological resources whenever possible. If avoidance is not possible, we require the salvage and preservation of paleontological and archeological resources.
- CR-2.4: Partnerships. We encourage partnerships to champion and financially support the preservation and restoration of historic sites, structures, and districts.
- CR-2.5: Public awareness and education. We increase public awareness and conduct education efforts about the unique historic, natural, tribal, and cultural resources in San Bernardino County through the County Museum and in collaboration with other entities and organizations.

The City of Ontario has no goals or policies specifically related to paleontological resources in their Policy Plan (City of Ontario, 1992), which serves as the City's General Plan mandated by state law.

PALEONTOLOGICAL RESOURCE POTENTIAL

Absent specific agency guidelines, most professional paleontologists in California adhere to the guidelines set forth by SVP (2010) to determine the course of paleontological mitigation for a given project. These guidelines establish protocols for the assessment of the paleontological resource potential of underlying geologic units and outline measures to mitigate adverse

impacts that could result from project development. Using baseline information gathered during a paleontological resource assessment, the paleontological resource potential of the geologic unit(s) (or members thereof) underlying a project area can be assigned to one of four categories defined by SVP (2010). Although these standards were written specifically to protect vertebrate paleontological resources, all fields of paleontology have adopted the following guidelines:

HIGH POTENTIAL (SENSITIVITY)

According to the SVP (2010), "[r]ock units from which vertebrate or significant invertebrate, plant, or trace fossils have been recovered are considered to have high potential for containing additional significant paleontological resources. Rock units classified as having high potential for producing paleontological resources include, but are not limited to, sedimentary formations and some volcaniclastic formations (e.g., ashes or tephras), and some low-grade metamorphic rocks which contain significant paleontological resources anywhere within their geographic extent, and sedimentary rock units temporally or lithologically suitable for the preservation of fossils (e.g., middle Holocene or older, fine-grained fluvial sandstones, argillaceous and carbonate-rich paleosols, cross-bedded point bar sandstones, fine-grained marine sandstones, etc.). Paleontological potential consists of both (a) the potential for yielding abundant or significant vertebrate fossils or for yielding a few significant fossils, large or small, vertebrate, invertebrate, plant, or trace fossils and (b) the importance of recovered evidence for new and significant taxonomic, phylogenetic, paleoecologic, taphonomic, biochronologic, or stratigraphic data. Rock units which contain potentially datable organic remains older than late Holocene, including deposits associated with animal nests or middens, and rock units which may contain new vertebrate deposits, traces, or trackways are also classified as having high potential."

UNDETERMINED POTENTIAL (SENSITIVITY)

According to the SVP (2010), "[r]ock units for which little information is available concerning their paleontological content, geologic age, and depositional environment are considered to have undetermined potential. Further study is necessary to determine if these rock units have high or low potential to contain significant paleontological resources. A field survey by a qualified professional paleontologist… to specifically determine the paleontological resource potential of these rock units is required before a paleontological resource impact mitigation program can be developed. In cases where no subsurface data are available, paleontological potential can sometimes be determined by strategically located excavations into subsurface stratigraphy."

LOW POTENTIAL (SENSITIVITY)

According to the SVP (2010), "[r]eports in the paleontological literature or field surveys by a qualified professional paleontologist may allow determination that some rock units have low potential for yielding significant fossils. Such rock units will be poorly represented by fossil specimens in institutional collections, or based on general scientific consensus only preserve fossils in rare circumstances and the presence of fossils is the exception not the rule, e.g., basalt flows or Recent colluvium. Rock units with low potential typically will not require impact mitigation measures to protect fossils." However, as ground disturbances occur, it is possible that significant and unanticipated paleontological resources might be encountered either at the surface or at depth. Therefore, a change of classification from low to high potential may be warranted and monitoring and mitigation may be needed.

NO POTENTIAL

According to the SVP (2010), "[s]ome rock units have no potential to contain significant paleontological resources, for instance high-grade metamorphic rocks (such as gneisses and schists) and plutonic igneous rocks (such as granites and diorites). Rock units with no potential require no protection nor impact mitigation measures relative to paleontological resources."

METHODS

To determine whether construction or implementation of a project has the potential to impact significant paleontological resources at the surface or within the subsurface, a paleontological resources assessment, which includes a review of published geologic maps, scientific literature, and museum records, is necessary. Therefore, this paleontological resource assessment consists of a review of geologic maps and scientific literature, which was supplemented by a search of pertinent local and regional museum repositories for fossil records within the Project area and its vicinity. A formal museum records search was conducted at the WSC, as the San Bernardino County Museum (SBCM) is currently not accepting paleontological records search requests. Additionally, fossil locality records and published literature from the University of California Museum of Paleontology (UCMP) online fossil locality database, the San Diego Natural History Museum (SDNHM) online fossil locality database, the online Paleobiology Database (PBDB), the online Neotoma Paleoecology Database (Neotoma) were reviewed, as well as other published and unpublished geological and paleontological literature of the area. The UCMP, SDNHM, PBDB, and Neotoma online databases do not provide specific fossil locality information, but they can be queried by county/region, geologic formation, and/or geologic age.

RESOURCE CONTEXT

GEOLOGIC SETTING

The Project area is in the northern portion of the Peninsular Ranges geomorphic province (referred to herein as the "Peninsular Ranges"). Northwest-trending fault-bound blocks of mountain ranges and valleys oriented subparallel to the San Andreas Fault distinguish the Peninsular Ranges from its neighboring provinces. The Peninsular Ranges are bounded on the east by the Colorado Desert geomorphic province, on the north by the Transverse Ranges geomorphic province, whose southern boundary is subparallel to the San Bernardino–Riverside County line, on the west by the submarine continental shelf, and on the south by the California state line (Norris and Webb, 1990). Most of the geologic history of the Peninsular Ranges is characterized by the formation of pluton complexes during the pre-Mesozoic and Mesozoic, tectonism resulting in subparallel fault-bound blocks during the late Mesozoic and Cenozoic, and the erosion of uplifted blocks and the subsequent deposition of thick sediments within the resulting basins throughout the Cenozoic.

Locally, the Project area is within the Upper Santa Ana Valley near the western boundary of the Perris Block (Dutcher and Garrett, 1963), one of several fault-bound blocks within the Peninsular Ranges (Morton and Miller, 2006). The Perris Block is bounded by the Cucamonga Fault Zone on the north, the Claremont and Casa Loma faults on the northeast, and the Elsinore

Fault Zone on the southwest, all of which are associated with tectonic movement along the San Andreas Fault (Morton and Miller, 2006). Within the Upper Santa Ana Valley across the northern Perris Block, Pleistocene (approximately 2.4 million years ago [Ma] to 11,700 years ago) and Holocene (approximately 11,7000 years ago to present) alluvial fans emanate from the San Gabriel Mountains on the north and the San Bernardino Mountains on the northeast, resulting in thick accumulations of alluvial deposits (Dutcher and Garrett, 1963; Morton and Miller, 2006; Norris and Webb, 1990). A complex series of alluvial fans, ranging from large to small, emanate from Waterman and City Creeks and the Santa Ana River and Mill Creek (Morton and Miller, 2006).

SITE SPECIFIC GEOLOGY AND PALEONTOLOGY

Based on geologic mapping at a scale of 1:100,000 by Morton and Miller (2006), the surface of the Project area is mapped as middle Holocene young alluvial-fan deposits, Unit 3 (Qyf_3) (Figure 3). Although not mapped at the surface within the Project area, late Holocene young alluvial-fan deposits, Unit 5 (Qyf_5) and early Holocene and late Pleistocene young alluvial-fan deposits, Unit 1 (Qyf_1) are mapped by Morton and Miller (2006) at the surface within 0.5 mile (mi) and may be present but unmapped at the surface or present within the subsurface of the Project area (Figure 3). Additionally, based on previous site development, unmapped artificial fill may also be present at the surface of the Project area. Therefore, these geologic units are included in this analysis and are described below in geochronological order (youngest to oldest) below.

Unmapped Artificial Fill: Unmapped artificial fill consists of sand, gravel, and bedrock from pits, quarries, and excavations related to construction, engineering, mining, or quarrying activities (Morton and Miller, 2006). Based on a review of aerial imagery of the Project area, the site has been previously improved, indicating that artificial fill is likely present in the uppermost sediments within the Project area. At the time of this paleontological assessment, no geotechnical study is available to characterize the artificial fill or its maximum depth. Although artificial fill has the potential to contain intact fossil material, any such fossil would be removed from its original geographic and stratigraphic context (i.e., provenance); therefore, any fossils from artificial fill are typically regarded as nonsignificant.

Young Alluvial-Fan Deposits, Unit 5 (Qyf_5): Sediments of the late Holocene (approximately 4,200 years ago to present) young alluvial-fan deposits, Unit 5 (Qyf_5) are not mapped within the bounds of the Project area; however, they are mapped at the surface approximately 0.5 mi to the east of the Project area (Morton and Miller, 2006). Therefore, they may be (1) present but unmapped at the surface, (2) present at unknown (but likely shallow) depth below artificial fill, or (3) absent entirely due to natural geologic processes or due to earthwork activities removing such deposits during previous site improvements. Nonetheless, young alluvial-fan deposits, Unit 5 consist of unconsolidated to slightly consolidated coarse-grained sand with boulders, having slightly dissected to undissected surfaces (Morton and Miller, 2006). These alluvial-fan deposits are notably finer-grained in more distal regions (i.e., southern extents) (Morton and Miller, 2006). Along the southside of the San Gabriel Mountains, these alluvial-fan sediments are the result of drainages emanating from Lytle Creek depositing eroded clasts of older rocks originating upstream from the surrounding ranges (Morton and Miller, 2006). At least seven young alluvial-fan subunits have been identified throughout the valley, ranging from late Holocene to late Pleistocene, with Unit 5 relatively dated to late Holocene and differentiated from other units by its relative position in terrace river sequences, adjacent alluvial fan superposition, and degree of dissection (Morton and Miller, 2006). The overall thickness of

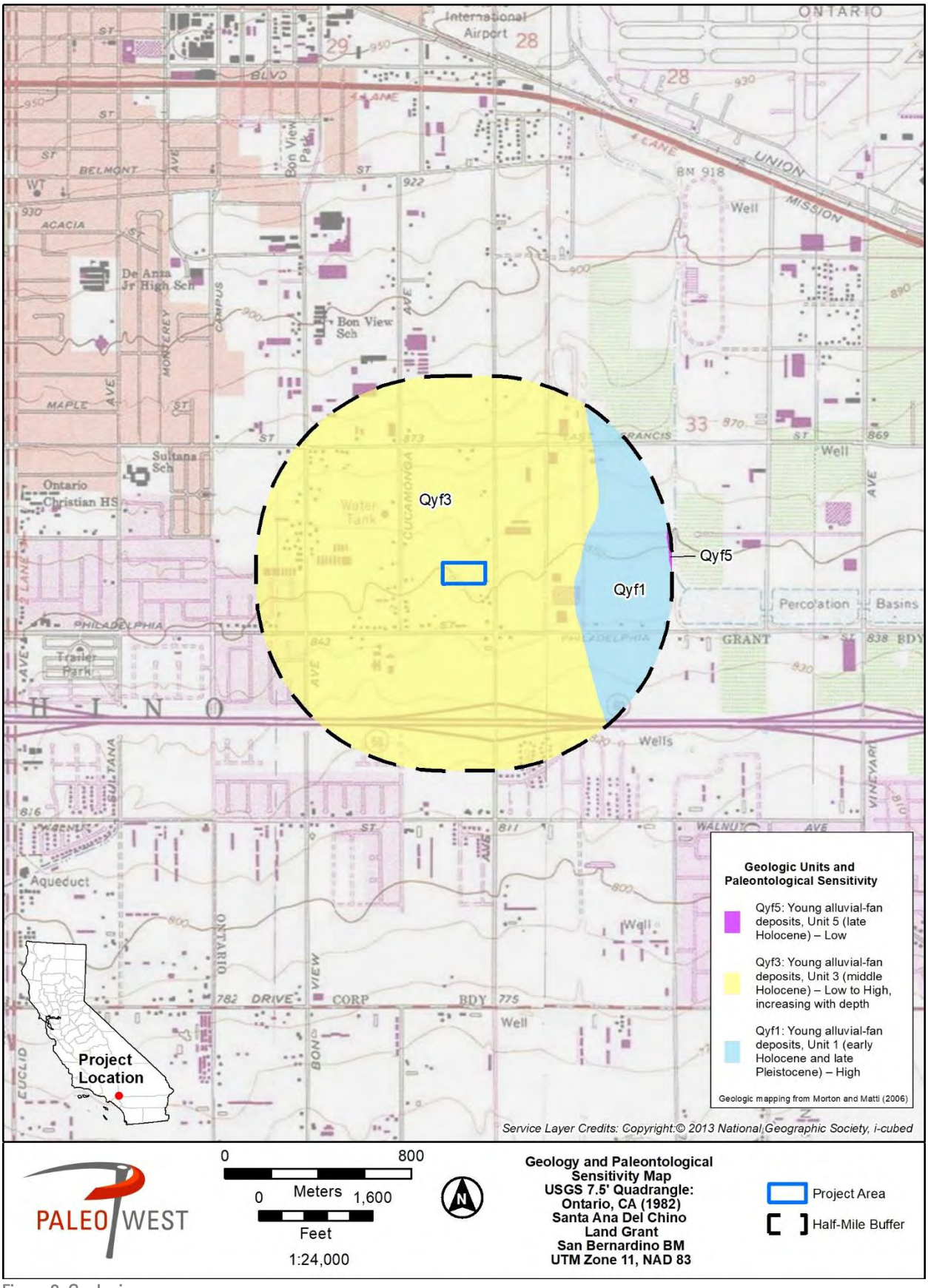


Figure 3. Geologic map.

Unit 5 is unspecified. Although late Holocene sediments may contain or preserve organic material, they are regarded as too young to contain scientifically significant paleontological resources (SVP, 2010) but may be underlain at shallow depth by older geologic units of appropriate age to yield fossils.

Young Alluvial-Fan Deposits, Unit 3 (Qyf_3): Sediments of middle Holocene (approximately 8,200–4,200 years ago) young alluvial-fan deposits, Unit 3 (Qyf_3) are mapped at the surface of the Project area by Morton and Miller (2006). These deposits consist of medium brown, slightly to moderately consolidated silt and sand, which are coarse-grained and contain sparse, matrix-supported granule- and pebble-dominated lenses, and have slightly to moderately dissected surfaces exhibiting rolling hills and incised channels (Morton and Miller, 2006). Within the Project area, these deposits may be overlain by unmapped artificial fill and/or relatively younger alluvium (e.g., young alluvial-fan deposits, Unit 5). Unlike the relatively younger deposits, Unit 3 is middle Holocene and is differentiated by the degree of dissection of the surface, degree of wash channel incision, superposition of nearby and overlapping alluvial fans, and amplitude of the gently rolling topography (Morton and Miller, 2006). The overall thickness of Unit 3 is unspecified, but in areas where it is mapped at the surface, moderately to deeply incised wash channels reveal as much as 13 feet (ft) of exposed sediments (Morton and Miller, 2006).

According to guidelines established by the SVP (2010), middle to early Holocene (i.e., older than 5,000 years old) or older sedimentary deposits may yield significant paleontological resources. The uppermost deposits of the middle Holocene young alluvial-fan deposits, Unit 3 are likely too young to contain fossils but may transition at depth to deposits that may contain significant fossils. The depth to this transition within the Project area is unknown but likely shallow (e.g., 5 ft below ground surface) based on the close proximity of early Holocene- to late Pleistocene-age deposits approximately 0.25 mi to the east of the Project area. The types of paleontological resources that may be yielded from middle to early Holocene and late Pleistocene age are discussed in the next section.

Young Alluvial-Fan Deposits, Unit 1 (Qyf_1): Sediments of the early Holocene (approximately 11,700–8,200 years ago) and late Pleistocene (129,000–11,700 years ago) young alluvial-fan deposits, Unit 1 (Qyf_1), are not mapped within the bounds of the Project area; however, they are mapped at the surface approximately 0.25 mi to the east of the Project area (Morton and Miller, 2006). Therefore, they may be (1) present but unmapped at the surface, (2) present at unknown (but likely shallow) depth below artificial fill or the relatively younger alluvial-fan deposits (e.g., Unit 3 and Unit 5 described above), or (3) absent entirely due to natural geologic processes or due to earthwork activities removing such deposits during previous site improvements. Nonetheless, young alluvial-fan deposits, Unit 5 consist of slightly to moderately consolidated silt to coarse-grained sand with boulders, having slightly dissected surfaces (Morton and Miller, 2006). These alluvial-fan deposits are notably finer-grained in more distal regions (southern extents) (Morton and Miller, 2006). Along the southside of the San Gabriel Mountains, Unit 1 consists mostly of sand- to pebble-sized clasts, exhibiting indistinct stratification in most of its extent. Much like the relatively younger alluvial-fan deposits present within the valley, Unit 1 clasts originate upstream from the surrounding ranges of the San Gabriel Mountains (Morton and Miller, 2006). Although unspecified by Morton and Miller (2006), Unit 1 is likely differentiated from the relatively younger alluvial-fan deposits by its relatively high degree of consolidation and dissection, as well as its superposition with the younger alluvial fans.

Early Holocene and late Pleistocene deposits have yielded numerous significant paleontological resources within the vicinity of the Project area within the Upper Santa Ana Valley within the southwest corner of San Bernardino County. Fossil localities from similarly aged deposits have yielded mammoth, ground sloth, rodent, mustelid, canid, feline, horse, bison, camel, antelope, deer, bird, newt, frog, and bony fish (Jefferson, 1991a, 1991b; Reynolds and Reynolds, 1991). The UCMP (2022) contains numerous records of late Pleistocene-age vertebrate, invertebrate, and plant fossil localities throughout San Bernardino County; however, none of the localities are from the vicinity of the Project area based on their brief location descriptions included with each record. The SDNHM (2022) and Neotoma (2022) databases contain no fossil locality records from similarly aged deposits from the same region. Along the eastern border of the Upper Santa Ana Valley, the PBDB (2022) reports one reference, Dooley et al. (2019), which cites at least one locality that yielded mastodon from late Pleistocene-age deposits.

RECORDS SEARCH RESULTS

The WSC does not contain records of fossil localities from within the Project area, nor within 1 mi of the Project area (Radford, 2022). Searches of online databases and other literature did not produce any additional fossil localities within 1 mi of the Project area; however, several early Holocene- to late Pleistocene-age fossil localities have been recorded from the general vicinity of the Project area.

FINDINGS

This memorandum uses the SVP (2010) system to classify the paleontological sensitivity of the geologic units present at the surface or at depth within the Project area to determine the potential for impacts to paleontological resources and to assess the level of effort required to reduce potential impacts to less-than significant levels, pursuant to CEQA.

According to the SVP (2010), late Holocene sediments are too young to contain scientifically significant paleontological resources. Therefore, unmapped artificial fill that may be present at the surface of the Project area, as well as late Holocene young alluvial-fan deposits, Unit 5 (Qyf_5) that may be present immediately below the artificial fill, have a low paleontological sensitivity. Middle Holocene young alluvial-fan deposits, Unit 3 (Qyf_3) that are mapped at the surface of the Project area by Morton and Miller (2006), may be too young in the uppermost sediments of this geologic unit to contain important fossils and may be overlain by the younger geologic units described above. However, they may transition at shallow depth to sediments of appropriate age that can preserve scientifically important fossils. The depth to this transition is unknown but may be as shallow as 5 ft below ground surface based on the proximity of early Holocene and late Pleistocene sediments near the Project area to the east. Therefore, middle Holocene young alluvial-fan deposits, Unit 3 have a low to high paleontological sensitivity, increasing with depth. Early Holocene and late Pleistocene young alluvial-fan deposits, Unit 1 (Qyf_1) are mapped at the surface outside of the Project area but may be present at shallow depth, underlying the relatively younger alluvial-fan deposits or artificial fill. Unit 1 deposits are of an appropriate age to yield scientifically significant paleontological resources and comparable units throughout the region have yielded important fossils. Therefore, early Holocene and late Pleistocene young alluvial-fan deposits, Unit 1 have a high paleontological sensitivity.

Since this Project likely entails excavation for a new development, new ground disturbances are anticipated. In general, the potential for a given project to result in negative impacts to paleontological resources is directly proportional to the amount of ground disturbance associated with the project; thus, the higher the amount of ground disturbances within geological units with a known paleontological sensitivity, the greater the potential for negative impacts to paleontological resources. At the time of this assessment, the extent of ground-disturbing activities within the Project area are unspecified; nonetheless, excavations or ground disturbances that would impact previously undisturbed sediments great than or equal to 5 ft below ground surface have the potential to impact significant paleontological resources. Destruction of scientifically important fossils during Project-related earthwork activities would be considered a significant impact under CEQA. Paleontological mitigation would be required to reduce potential impacts to less-than-significant levels, pursuant to CEQA.

RECOMMENDATIONS

Ground disturbances less than 5 ft below ground surface are unlikely to result in impacts to significant paleontological resources; however, ground disturbances greater than or equal to 5 ft below ground surface may impact geologic units of high paleontological sensitivity, and therefore, may result in impacts to significant paleontological resources. PaleoWest recommends retaining a Qualified Paleontologist to implement paleontological monitoring during ground disturbances that impact previously undisturbed sediments greater than or equal to 5 ft below ground surface. Paleontological monitoring is not recommended for earthwork activities impacting artificial fill, previously disturbed sediments, sediments less than 5 ft below ground surface, or sediments determined by the Qualified Paleontologist to not be of an appropriate age to yield paleontological resources based on field observations. In consultation with the City of Ontario and the Project Proponent, the Qualified Paleontologist can reduce or cease paleontological monitoring efforts based on field observations and/or the nature of earthwork activities after the initial monitoring of the site. If significant paleontological resources are discovered during implementation of the monitoring program, they should be salvaged and curated at an appropriate repository (e.g., the SBCM or WSC). A final monitoring report should be prepared by the Qualified Paleontologist at the conclusion of the Project and should be filed with the City of Ontario. If paleontological resources are curated, the final monitoring report and all related fossil data should be filed at the curating repository.

Thank you for contacting PaleoWest for this Project. If you have any questions, please do not hesitate to contact us.

Sincerely,

Mathew Carson, M.S. | Senior Paleontologist/Project Manager
PALEOWEST

Attachments:

Attachment A: Confidential Western Science Center Museum Records Search Results

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ATTACHMENT A:
Confidential
Western Science Center Museum Records Search Results

WESTERN SCIENCE CENTER

March 8, 2022

PaleoWest
Mathew Carson
517 S. Ivy Avenue
Monrovia, CA 91016

Dear Mr. Carson,

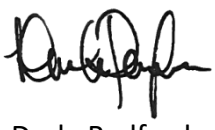
This letter presents the results of a record search conducted for the 2042 S. Grove Avenue Project in the city of Ontario, Riverside County, California. The project site is located south of Francis Street, east of Cucamonga Avenue, north of Philadelphia Street, and west of South Grove Street on Assessor's Parcel Number 105049111 in an unsectioned portion of Township 1 South, and Range 7 West on the *Ontario, California* USGS 7.5 minute quadrangle.

The geologic units underlying this project are mapped entirely as alluvial valley deposits dating from the middle Holocene roughly 6,500-5,000 years ago (Morton & Miller, 2006). Holocene alluvial units are considered to be of high preservation value, but material found is unlikely to be fossil material due to the relatively modern associated dates of the deposits. However, if development requires any substantial depth of disturbance, the likelihood of reaching Pleistocene alluvial sediments would increase. The Western Science Center does not have localities within the project area or within a 1 mile radius.

While the presence of any fossil material is unlikely, if excavation activity disturbs deeper sediment dating to the earliest parts of the Holocene or late Pleistocene, the material would be scientifically significant. Excavation activity associated with the development of the project area is unlikely to be paleontologically sensitive, but caution during development should be observed.

If you have any questions, or would like further information, please feel free to contact me at dradford@westerncentermuseum.org

Sincerely,



Darla Radford
Collections Manager

First Grove

NOISE AND VIBRATION ANALYSIS

CITY OF ONTARIO

PREPARED BY:

Bill Lawson, PE, INCE
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(949) 584-3148

JUNE 5, 2023

15067-02 NA

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LIST OF ABBREVIATED TERMS

(1)	Reference
ADT	Average Daily Traffic
ANSI	American National Standards Institute
CEQA	California Environmental Quality Act
CNEL	Community Noise Equivalent Level
dBA	A-weighted decibels
EPA	Environmental Protection Agency
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
Hz	Hertz
INCE	Institute of Noise Control Engineering
L_{eq}	Equivalent continuous (average) sound level
L_{max}	Maximum level measured over the time interval
L_{min}	Minimum level measured over the time interval
OPR	Office of Planning and Research
PPV	Peak particle velocity
Project	First Grove
REMEL	Reference Energy Mean Emission Level
RMS	Root-mean-square
VdB	Vibration Decibels

EXECUTIVE SUMMARY

Urban Crossroads, Inc. has prepared this noise study to determine the potential noise impacts and the necessary noise mitigation measures, if any, for the proposed First Grove development ("Project"). The proposed Project is to consist of a 61,867 square foot warehouse. This study has been prepared to satisfy applicable City of Ontario standards and thresholds of significance based on guidance provided by Appendix G of the California Environmental Quality Act (CEQA) Guidelines (1).

The results of this First Grove Noise and Vibration Analysis are summarized below based on the significance criteria in Section 4 of this report. Table ES-1 shows the findings of significance for each potential noise and/or vibration impact under CEQA before and after any required mitigation measures.

TABLE ES-1: SUMMARY OF CEQA SIGNIFICANCE FINDINGS

Analysis	Report Section	Significance Findings	
		Unmitigated	Mitigated
Operational Noise	7	*Less Than Significant*	-
Construction Noise	8	*Less Than Significant*	-
Construction Vibration		*Less Than Significant*	-

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1 INTRODUCTION

This noise analysis has been completed to determine the noise impacts associated with the development of the proposed First Grove ("Project"). This noise study briefly describes the proposed Project, provides information regarding noise fundamentals, sets out the local regulatory setting, presents the study methods and procedures for noise analysis, and evaluates the future exterior noise environment. In addition, this study includes an analysis of the potential Project-related long-term stationary-source operational noise and short-term construction noise and vibration impacts.

1.1 SITE LOCATION

The proposed Project is located at 2042 S. Grove Avenue in the City of Ontario as shown on Exhibit 1-A. The Project site land use is currently designated as Business Park under The Ontario Plan (TOP) 2050. The currently adopted General Plan Business Park land use allows for the development of up to 109,817 square feet of business park use, calculated using a floor-to-area ratio (FAR) of 0.60. The Business Park land use designation is defined as "employee-intensive office uses including corporate offices, technology centers, research and development, "clean" industry, light manufacturing, and supporting retail within a business park setting." The Project is located approximately 1.3 miles southwest of the Ontario International Airport (ONT).

1.2 PROJECT DESCRIPTION

The proposed Project is to consist of a 61,867 square foot warehouse.as shown on Exhibit 1-B. The on-site Project-related noise sources are expected to include: loading dock activity, roof-top air conditioning units, trash enclosure activity, parking lot vehicle movements, and truck movements. This noise analysis is intended to describe noise level impacts associated with the expected typical operational activities at the Project site.

EXHIBIT 1-A: LOCATION MAP

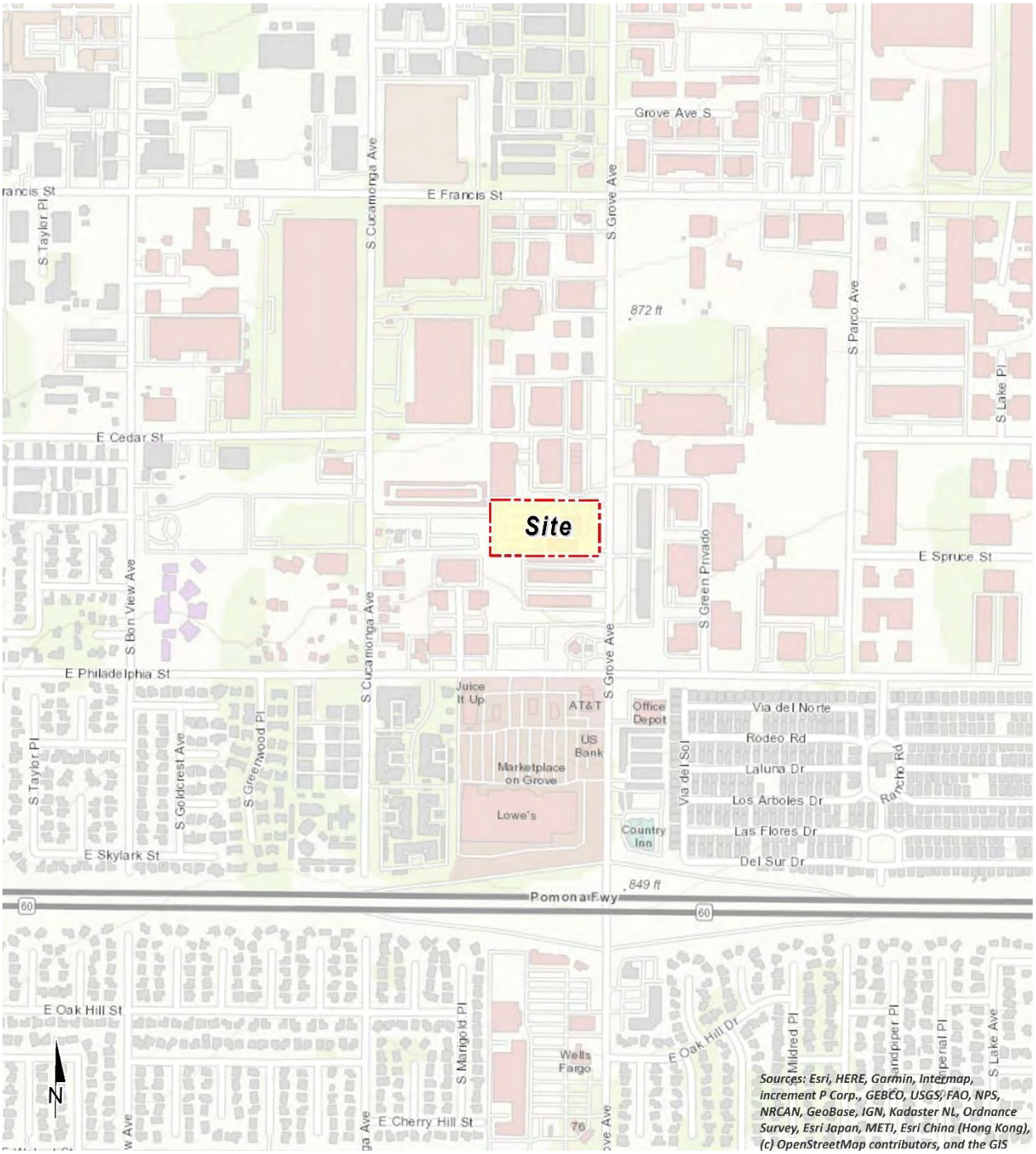
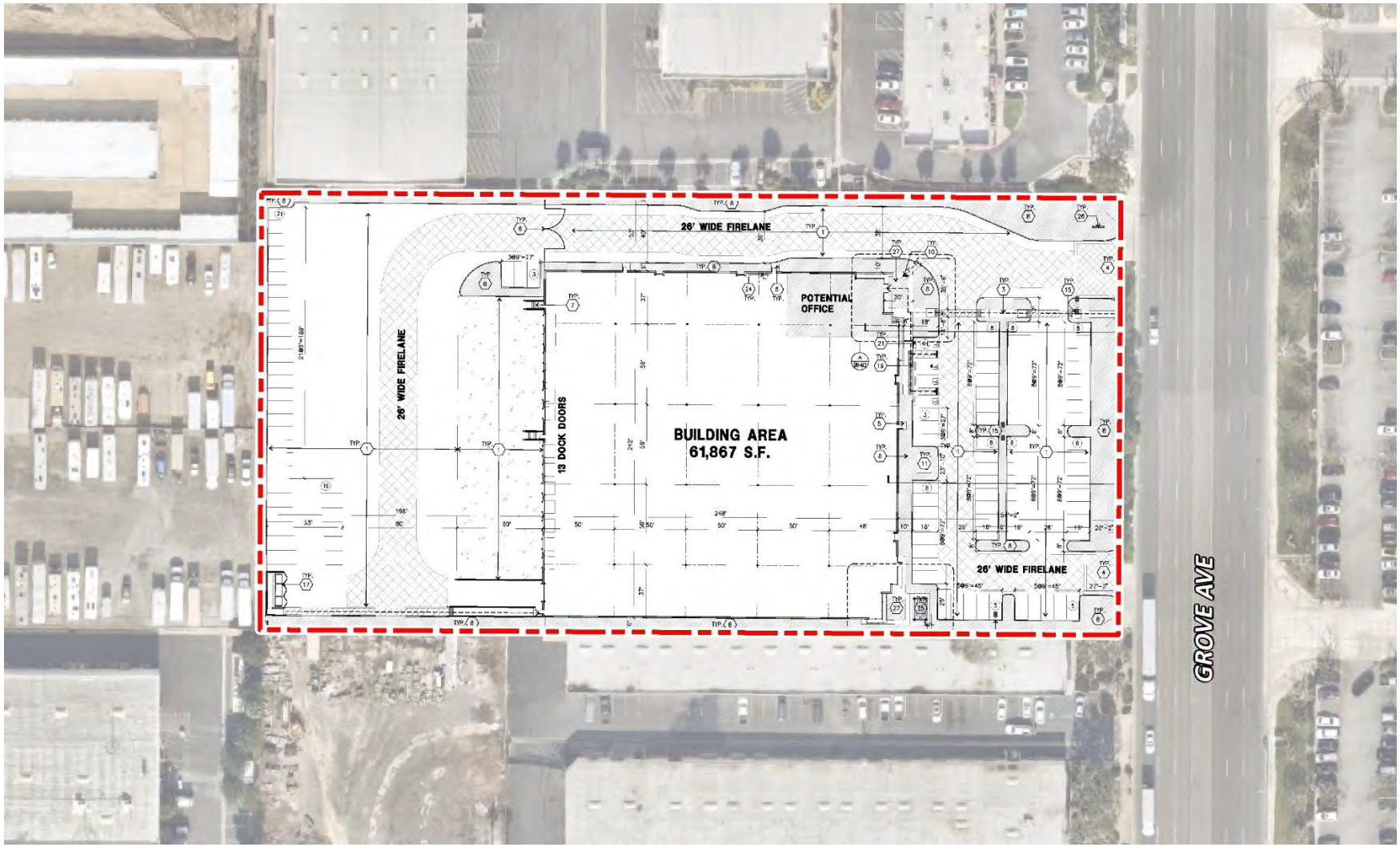


EXHIBIT 1-B: SITE PLAN



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2 FUNDAMENTALS

Noise is simply defined as "unwanted sound." Sound becomes unwanted when it interferes with normal activities, when it causes actual physical harm or when it has adverse effects on health. Noise is measured on a logarithmic scale of sound pressure level known as a decibel (dB). A-weighted decibels (dBA) approximate the subjective response of the human ear to broad frequency noise source by discriminating against very low and very high frequencies of the audible spectrum. They are adjusted to reflect only those frequencies which are audible to the human ear. Exhibit 2-A presents a summary of the typical noise levels and their subjective loudness and effects that are described in more detail below.

EXHIBIT 2-A: TYPICAL NOISE LEVELS

COMMON OUTDOOR ACTIVITIES	COMMON INDOOR ACTIVITIES	A - WEIGHTED SOUND LEVEL dBA	SUBJECTIVE LOUDNESS	EFFECTS OF NOISE
THRESHOLD OF PAIN		140	INTOLERABLE OR DEAFENING	HEARING LOSS
NEAR JET ENGINE		130		
		120		
JET FLY-OVER AT 300m (1000 ft)	ROCK BAND	110		
LOUD AUTO HORN		100	VERY NOISY	
GAS LAWN MOWER AT 1m (3 ft)		90		
DIESEL TRUCK AT 15m (50 ft), at 80 km/hr (50 mph)	FOOD BLENDER AT 1m (3 ft)	80		SPEECH INTERFERENCE
NOISY URBAN AREA, DAYTIME	VACUUM CLEANER AT 3m (10 ft)	70	LOUD	
HEAVY TRAFFIC AT 90m (300 ft)	NORMAL SPEECH AT 1m (3 ft)	60		
QUIET URBAN DAYTIME	LARGE BUSINESS OFFICE	50	MODERATE	SLEEP DISTURBANCE
QUIET URBAN NIGHTTIME	THEATER, LARGE CONFERENCE ROOM (BACKGROUND)	40		
QUIET SUBURBAN NIGHTTIME	LIBRARY	30	FAINT	NO EFFECT
QUIET RURAL NIGHTTIME	BEDROOM AT NIGHT, CONCERT HALL (BACKGROUND)	20		
	BROADCAST/RECORDING STUDIO	10	VERY FAINT	
LOWEST THRESHOLD OF HUMAN HEARING	LOWEST THRESHOLD OF HUMAN HEARING	0		

Source: Environmental Protection Agency Office of Noise Abatement and Control, Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety (EPA/ONAC 550/9-74-004) March 1974.

2.1 RANGE OF NOISE

Since the range of intensities that the human ear can detect is so large, the scale frequently used to measure intensity is a scale based on multiples of 10, the logarithmic scale. The scale for measuring intensity is the decibel scale. Each interval of 10 decibels indicates a sound energy ten times greater than before, which is perceived by the human ear as being roughly twice as loud. (2) The most common sounds vary between 40 dBA (very quiet) to 100 dBA (very loud). Normal conversation at three feet is roughly at 60 dBA, while loud jet engine noises equate to 110 dBA

at approximately 1,000 feet, which can cause serious discomfort. (3) Another important aspect of noise is the duration of the sound and the way it is described and distributed in time.

2.2 NOISE DESCRIPTORS

Environmental noise descriptors are generally based on averages, rather than instantaneous, noise levels. The most used metric is the equivalent level (L_{eq}). Equivalent sound levels are not measured directly but are calculated from sound pressure levels typically measured in A-weighted decibels (dBA). The equivalent sound level (L_{eq}) represents a steady state sound level containing the same total energy as a time varying signal over a given sample period and is commonly used to describe the "average" noise levels within the environment.

Peak hour or average noise levels, while useful, do not completely describe a given noise environment. Noise levels lower than peak hour may be disturbing if they occur during times when quiet is most desirable, namely evening and nighttime (sleeping) hours. To account for this, the Community Noise Equivalent Level (CNEL), representing a composite 24-hour noise level is utilized. The CNEL is the weighted average of the intensity of a sound, with corrections for time of day, and averaged over 24 hours. The time-of-day corrections require the addition of 5 decibels to dBA L_{eq} sound levels in the evening from 7:00 p.m. to 10:00 p.m., and the addition of 10 decibels to dBA L_{eq} sound levels at night between 10:00 p.m. and 7:00 a.m. These additions are made to account for the noise sensitive time periods during the evening and night hours when noise can become more intrusive. CNEL does not represent the actual sound level heard at any time, but rather represents the total sound exposure. The City of Ontario relies on the 24-hour CNEL level to assess land use compatibility with transportation related noise sources.

2.3 SOUND PROPAGATION

When sound propagates over a distance, it changes in level and frequency content. The way noise reduces with distance depends on the following factors.

2.3.1 GEOMETRIC SPREADING

Sound from a localized source (i.e., a stationary point source) propagates uniformly outward in a spherical pattern. The sound level attenuates (or decreases) at a rate of 6 dB for each doubling of distance from a point source. Highways consist of several localized noise sources on a defined path and hence can be treated as a line source, which approximates the effect of several point sources. Noise from a line source propagates outward in a cylindrical pattern, often referred to as cylindrical spreading. Sound levels attenuate at a rate of 3 dB for each doubling of distance from a line source. (2)

2.3.2 GROUND ABSORPTION

The propagation path of noise from a highway to a receiver is usually very close to the ground. Noise attenuation from ground absorption and reflective wave canceling adds to the attenuation associated with geometric spreading. Traditionally, the excess attenuation has also been expressed in terms of attenuation per doubling of distance. This approximation is usually

sufficiently accurate for distances of less than 200 ft. For acoustically hard sites (i.e., sites with a reflective surface between the source and the receiver, such as a parking lot or body of water), no excess ground attenuation is assumed. For acoustically absorptive or soft sites (i.e., those sites with an absorptive ground surface between the source and the receiver such as soft dirt, grass, or scattered bushes and trees), an excess ground attenuation value of 1.5 dB per doubling of distance is normally assumed. When added to the cylindrical spreading, the excess ground attenuation results in an overall drop-off rate of 4.5 dB per doubling of distance from a line source. (4)

2.3.3 ATMOSPHERIC EFFECTS

Receivers located downwind from a source can be exposed to increased noise levels relative to calm conditions, whereas locations upwind can have lowered noise levels. Sound levels can be increased at large distances (e.g., more than 500 feet) due to atmospheric temperature inversion (i.e., increasing temperature with elevation). Other factors such as air temperature, humidity, and turbulence can also have significant effects. (2)

2.3.4 SHIELDING

A large object or barrier in the path between a noise source and a receiver can substantially attenuate noise levels at the receiver. The amount of attenuation provided by shielding depends on the size of the object and the frequency content of the noise source. Shielding by trees and other such vegetation typically only has an "out of sight, out of mind" effect. That is, the perception of noise impact tends to decrease when vegetation blocks the line-of-sight to nearby residents. However, for vegetation to provide a substantial, or even noticeable, noise reduction, the vegetation area must be at least 15 feet in height, 100 feet wide and dense enough to completely obstruct the line-of-sight between the source and the receiver. This size of vegetation may provide up to 5 dBA of noise reduction. The Federal Highway Administration (FHWA) does not consider the planting of vegetation to be a noise abatement measure. (5)

2.4 NOISE CONTROL

Noise control is the process of obtaining an acceptable noise environment for an observation point or receiver by controlling the noise source, transmission path, receiver, or all three. This concept is known as the source-path-receiver concept. In general, noise control measures can be applied to these three elements.

2.5 NOISE BARRIER ATTENUATION

Effective noise barriers can reduce noise levels by 10 to 15 dBA, cutting the loudness of traffic noise in half. A noise barrier is most effective when placed close to the noise source or receiver. Noise barriers, however, do have limitations. For a noise barrier to work, it must block the line-of-sight path of sound from the noise source.

2.6 LAND USE COMPATIBILITY WITH NOISE

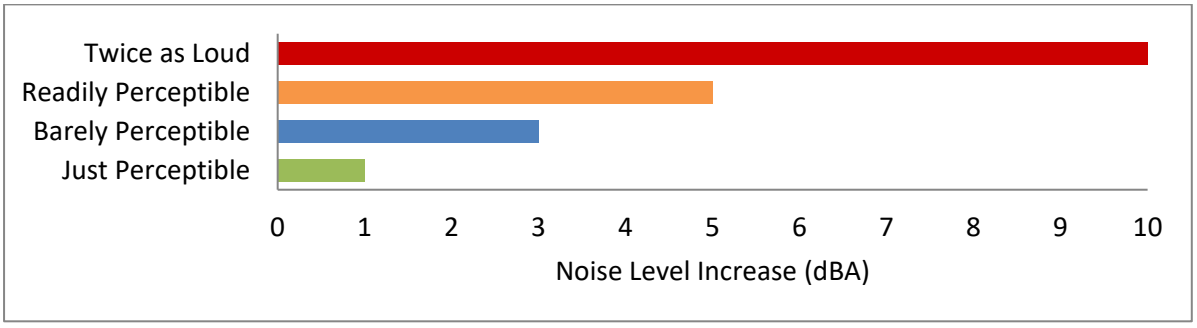
Some land uses are more tolerant of noise than others. For example, schools, hospitals, churches, and residences are more sensitive to noise intrusion than are commercial or industrial developments and related activities. As ambient noise levels affect the perceived amenity or livability of a development, so too can the mismanagement of noise impacts impair the economic health and growth potential of a community by reducing the area's desirability as a place to live, shop and work. For this reason, land use compatibility with the noise environment is an important consideration in the planning and design process. The FHWA encourages State and Local government to regulate land development in such a way that noise-sensitive land uses are either prohibited from being located adjacent to a highway, or that the developments are planned, designed, and constructed in such a way that noise impacts are minimized. (6)

2.7 COMMUNITY RESPONSE TO NOISE

Approximately sixteen percent of the population has a very low tolerance for noise and will object to any noise not of their making. Consequently, even in the quietest environment, some complaints may occur. Twenty to thirty percent of the population will not complain even in very severe noise environments. (7 pp. 8-6) Thus, a variety of reactions can be expected from people exposed to any given noise environment.

Surveys have shown that community response to noise varies from no reaction to vigorous action for newly introduced noises averaging from 10 dB below existing to 25 dB above existing. (8) According to research originally published in the Noise Effects Handbook (7), the percentage of high annoyance ranges from approximately 0 percent at 45 dB or less, 10 percent are highly annoyed around 60 dB, and increases rapidly to approximately 70 percent being highly annoyed at approximately 85 dB or greater. Despite this variability in behavior on an individual level, the population can be expected to exhibit the following responses to changes in noise levels as shown on Exhibit 2-B. A change of 3 dBA is considered barely perceptible, and changes of 5 dBA are considered readily perceptible. (4)

EXHIBIT 2-B: NOISE LEVEL INCREASE PERCEPTION



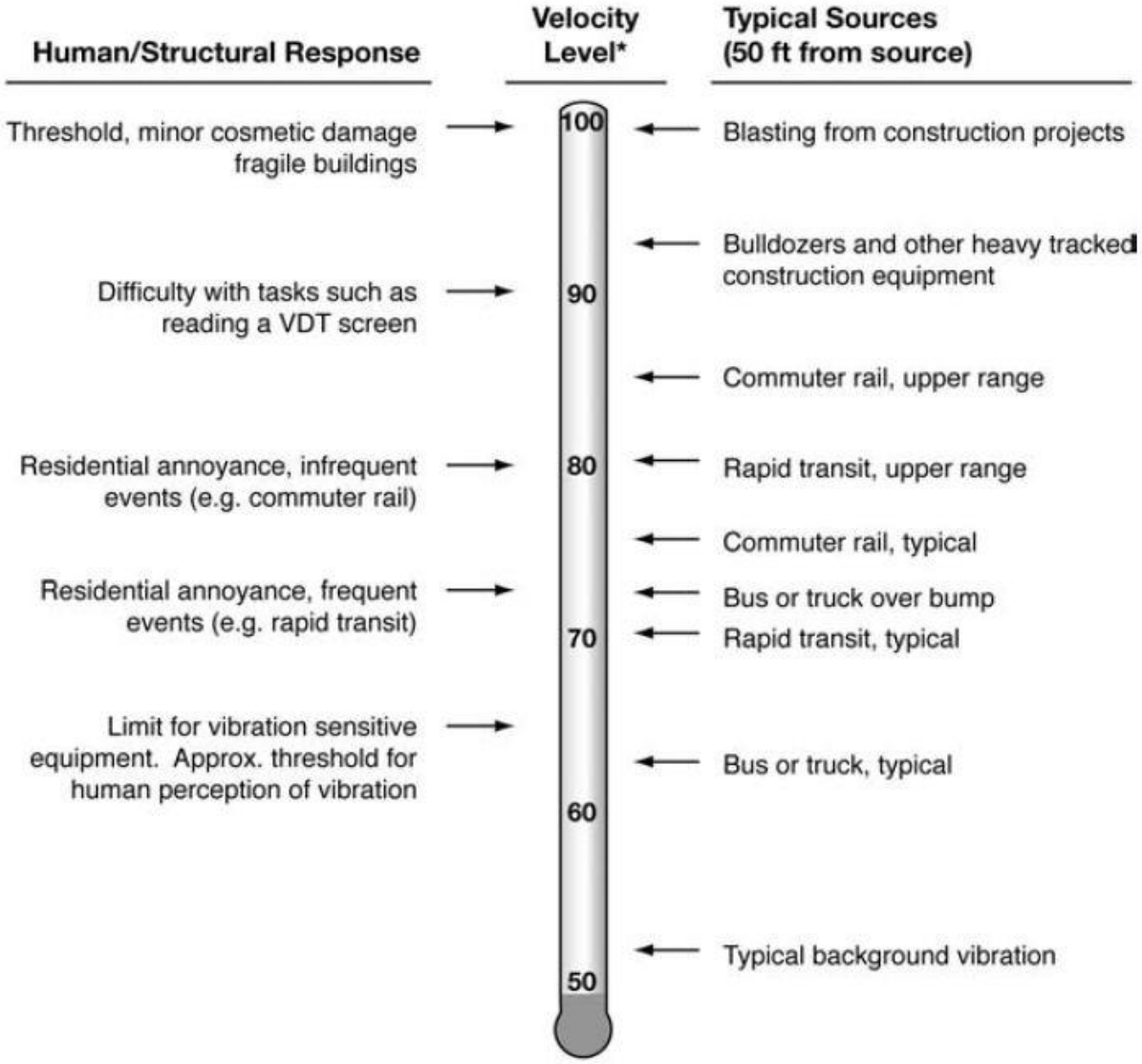
2.8 VIBRATION

Per the Federal Transit Administration (FTA) *Transit Noise Impact and Vibration Impact Assessment Manual* (8) , vibration is the periodic oscillation of a medium or object. The rumbling sound caused by the vibration of room surfaces is called structure-borne noise. Sources of ground-borne vibrations include natural phenomena (e.g., earthquakes, volcanic eruptions, sea waves, landslides) or human-made causes (e.g., explosions, machinery, traffic, trains, construction equipment). Vibration sources may be continuous, such as factory machinery, or transient, such as explosions. As is the case with airborne sound, ground-borne vibrations may be described by amplitude and frequency.

There are several different methods that are used to quantify vibration. The peak particle velocity (PPV) is defined as the maximum instantaneous peak of the vibration signal. The PPV is most frequently used to describe vibration impacts to buildings but is not always suitable for evaluating human response (annoyance) because it takes some time for the human body to respond to vibration signals. Instead, the human body responds to average vibration amplitude often described as the root mean square (RMS). The RMS amplitude is defined as the average of the squared amplitude of the signal and is most frequently used to describe the effect of vibration on the human body. Decibel notation (VdB) is commonly used to measure RMS. Decibel notation (VdB) serves to reduce the range of numbers used to describe human response to vibration. Typically, ground-borne vibration generated by man-made activities attenuates rapidly with distance from the source of the vibration. Sensitive receivers for vibration include structures (especially older masonry structures), people (especially residents, the elderly, and sick), and vibration-sensitive equipment and/or activities.

The background vibration-velocity level in residential areas is generally 50 VdB. Ground-borne vibration is normally perceptible to humans at approximately 65 VdB. For most people, a vibration-velocity level of 75 VdB is the approximate dividing line between barely perceptible and distinctly perceptible levels. Typical outdoor sources of perceptible ground-borne vibration are construction equipment, steel-wheeled trains, and traffic on rough roads. If a roadway is smooth, the ground-borne vibration is rarely perceptible. The range of interest is from approximately 50 VdB, which is the typical background vibration-velocity level, to 100 VdB, which is the general threshold where minor damage can occur in fragile buildings. Exhibit 2-C illustrates common vibration sources and the human and structural response to ground-borne vibration.

EXHIBIT 2-C: TYPICAL LEVELS OF GROUND-BORNE VIBRATION



** RMS Vibration Velocity Level in VdB relative to 10^{-6} inches/second*

Source: Federal Transit Administration (FTA) Transit Noise and Vibration Impact Assessment Manual.

3 REGULATORY SETTING

The federal government, the State of California, various county governments, and most municipalities in the state have established standards and ordinances to control noise. In most areas, automobile and truck traffic is the major source of environmental noise. Traffic activity generally produces an average sound level that remains constant with time. Air and rail traffic, and commercial and industrial activities are also major sources of noise in some areas. Federal, state, and local agencies regulate different aspects of environmental noise. Federal and state agencies generally set noise standards for mobile sources such as aircraft and motor vehicles, while regulation of stationary sources is left to local agencies.

3.1 STATE OF CALIFORNIA NOISE REQUIREMENTS

The State of California regulates freeway noise, sets standards for sound transmission, provides occupational noise control criteria, identifies noise standards, and provides guidance for local land use compatibility. State law requires that each county and city adopt a General Plan that includes a Noise Element which is to be prepared per guidelines adopted by the Governor's Office of Planning and Research (OPR). (9) The purpose of the Noise Element is to *limit the exposure of the community to excessive noise levels*. In addition, the California Environmental Quality Act (CEQA) requires that all known environmental effects of a project be analyzed, including environmental noise impacts.

3.2 CITY OF ONTARIO GENERAL PLAN NOISE ELEMENT

The City of Ontario General Plan (Policy Plan) identifies several policies to minimize the impacts of excessive noise levels throughout the community. Policy Plan Section S4, Noise Hazards, establishes a goal of maintaining *an environment where noise does not adversely affect the public's health, safety, and welfare.* (10) To satisfy this goal, the Policy Plan identifies seven policies related to: noise mitigation; coordination with transportation authorities; noise mitigation; truck traffic; roadway design; airport noise compatibility and rail noise mitigation. The noise criteria identified on Table 5-13-3 of The Ontario Plan 2050 Final Supplemental Environmental Impact Report (FSEIR) (11) provide guidelines to evaluate land use compatibility within various noise environments. Table 5-13-3 is reproduced here as Exhibit 3-A *Ontario Noise Level Exposure and Land Use Compatibility Guidelines*.

EXHIBIT 3-A: ONTARIO NOISE LEVEL EXPOSURE AND LAND USE COMPATIBILITY GUIDELINES

Land Use Categories		Community Noise Equivalent Level (CNEL)			
Category	Uses	Clearly Acceptable[1]	Normally Acceptable[2]	Normally Unacceptable[3]	Clearly Unacceptable[4]
Residential/Lodging	Single Family/Duplex	<60	60-65	65-70	70-85
	Multifamily	<60	60-65	65-75	75-85
	Mobile Homes	<60	60-65	-	65-85
	Hotel/Motel	<65	65-70	70-80	80-85
Public/Institutional	Schools/Hospitals	<60	60-65	65-70	70-85
	Churches/Libraries	<60	60-65	65-70	70-85
	Auditoriums/Concert Halls	<55	55-60	60-70	70-85
Commercial	Offices	<65	65-75	75-80	80-85
	Retail	<70	70-75	75-80	80-85
Industrial	Manufacturing	<70	70-75	75-85	-
	Warehousing	<70	70-80	80-85	-
Recreational/Open Space	Parks/Playgrounds	<65	65-70	70-75	75-85
	Golf Course/Riding Stables	<65	65-70	70-75	75-85
	Outdoor Spectator Sports	<60	60-65	65-70	
	Outdoor Music Shells/Amphitheaters	-	<60	60-65	65-85
	Livestock/Wildlife Preserves	<70	-	70-75	75-85
	Crop Agriculture	<55-85	-	-	-

Source: Ontario 2010.

[1] No special noise insulation required, assuming buildings of normal conventional construction.

[2] Acoustical reports will be required for major new residential construction. Conventional construction with closed windows and fresh air supply systems of air conditions will normally suffice.

[3] New construction should be discouraged. Noise/aviation easements required for all new construction. If new construction does proceed, a detailed analysis of noise reduction requirements must be made, and necessary noise insulation features included.

[4] No new construction should be permitted.

Source: The Ontario Plan 2050 Draft SEIR (Table 5.13-3).

3.3 OPERATIONAL NOISE STANDARDS

To analyze noise impacts originating from a designated fixed location or private property such as the First Grove, stationary-source (operational) noise levels are evaluated against standards established under a City's Municipal Code. The City of Ontario requires that noise from new stationary sources in the City comply with the City's Noise Ordinance, which limits the acceptable noise at the property line of the impacted property, to reduce nuisances to sensitive land uses. Compliance with the City's Noise Ordinance would result in noise levels that are acceptable to the City and would result in less than significant noise impacts from stationary sources (11).

Section 5-29.04(a) identifies the allowable daytime and nighttime ambient exterior noise standards for each land use type. For Manufacturing and Industrial land uses (Noise Zone V), such as the Project, ambient exterior noise levels may not exceed 70 dBA L_{eq}. For residential land uses (Noise Zone I), ambient exterior noise levels may not exceed 65 dBA L_{eq} during the daytime hours (7:00 a.m. to 10:00 p.m.) and may not exceed 45 dBA L_{eq} during the nighttime hours (10:00 p.m. to 7:00 a.m.) (12). The lower noise level standard shall apply on the boundary between two (2) different noise zones. If the ambient noise level exceeds the resulting standard, the ambient noise level shall be the standard. The maximum acceptable Project-related operational noise levels received at off-site land uses in the City of Ontario are identified on Table 3-1.

TABLE 3-1: OPERATIONAL NOISE STANDARDS

Noise Zone	Land Use	Exterior Noise Levels (dBA Leq)[2]	
		Daytime (7am-10pm)	Nighttime (10pm-7am)
I	Single-Family Residential	65	45
II	Multi-Family Residential	65	50
III	Commercial	65	60
IV	Residential Mixed-Use	70	70
V	Manufacturing and Industrial	70	70

[1] Source: Section 5-29.04 of the City of Ontario Municipal Code (Appendix 3.1).
[2] L_{eq} represents a steady state sound level containing the same total energy as a time varying signal over a given period.

3.4 CONSTRUCTION NOISE STANDARDS

The City of Ontario has set restrictions to control noise impacts associated with construction. Section 5-29.09 of the Municipal Code states: No person, while engaged in construction, remodeling, digging, grading, demolition or any other related building activity, shall operate any tool, equipment or machine in a manner that produces loud noise that disturbs a person of normal sensitivity who works or resides in the vicinity, or a Police or Code Enforcement Officer, on any weekday except between the hours of 7:00 a.m. and 6:00 p.m. or on Saturday or Sunday between the hours of 9:00 a.m. and 6:00 p.m. (12) While the City establishes limits to the hours during which construction activity may take place, it does not identify specific noise level limits for construction noise levels at potentially affected receiver locations for CEQA analysis purposes. Therefore, a numerical construction threshold based on Federal Transit Administration (FTA)

Transit Noise and Vibration Impact Assessment Manual is used for analysis of daytime construction impacts, as discussed below.

According to the FTA, local noise ordinances are typically not very useful in evaluating construction noise. They usually relate to nuisance and hours of allowed activity, and sometimes specify limits in terms of maximum levels, but are generally not practical for assessing the impact of a construction project. Project construction noise criteria should account for the existing noise environment, the absolute noise levels during construction activities, the duration of the construction, and the adjacent land use. Due to the lack of standardized construction noise thresholds, the FTA provides guidelines that can be considered reasonable criteria for construction noise assessment. The FTA considers a daytime exterior construction noise level of 80 dBA L_{eq} as a reasonable threshold for noise sensitive residential land use (8 p. 179).

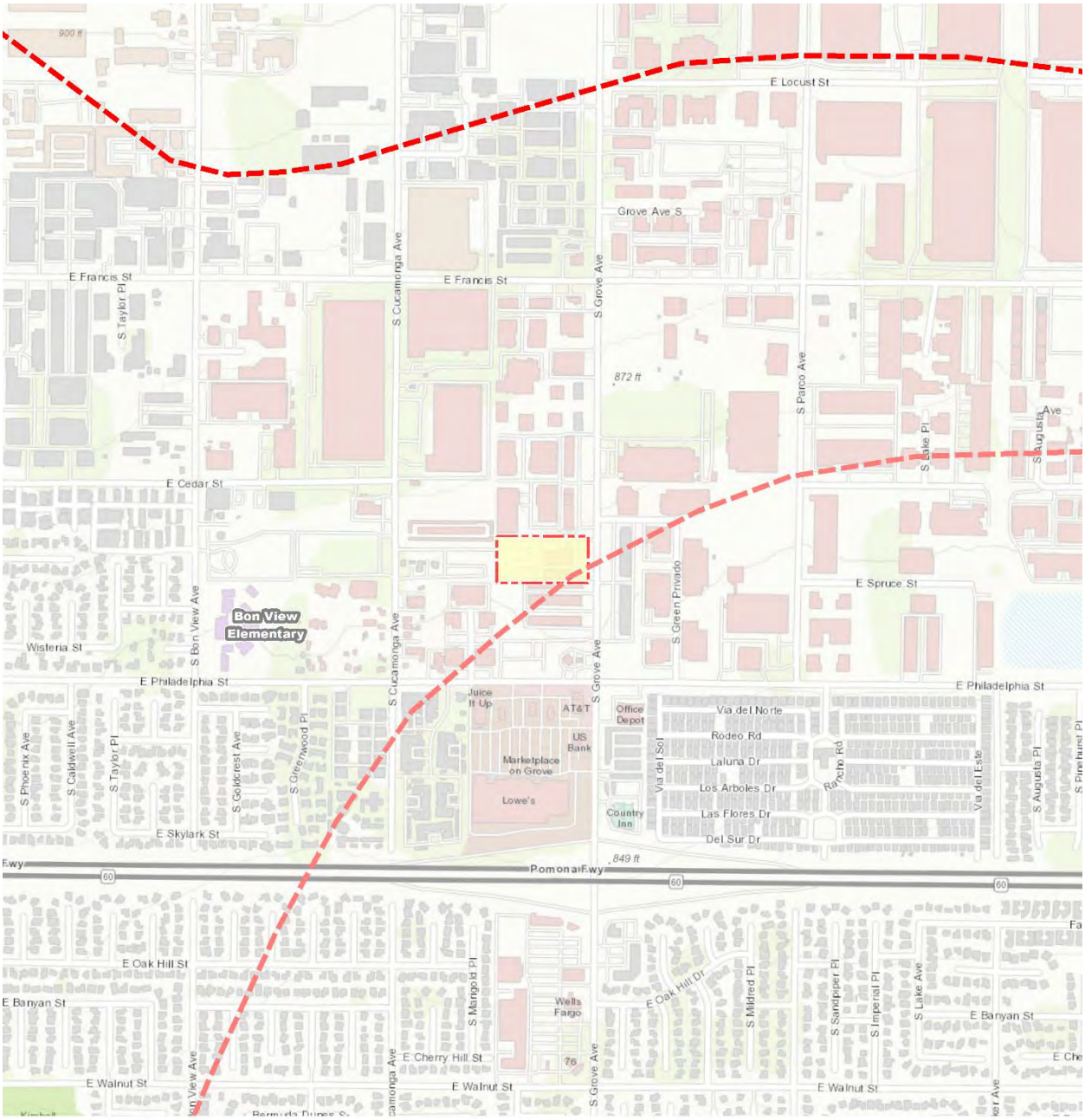
3.5 VIBRATION STANDARDS

Construction activity can result in varying degrees of ground-borne vibration, depending on the equipment and methods used, distance to the affected structures and soil type. Construction vibration is generally associated with pile driving and rock blasting. Other construction equipment such as air compressors, light trucks, hydraulic loaders, etc., generates little or no ground vibration. (8) To analyze vibration impacts originating from the operation and construction of First Grove, vibration-generating activities are appropriately evaluated against standards established under a City's Municipal Code, if such standards exist. However, the City of Ontario does not identify specific vibration level limits. Therefore, for analysis purposes, the Caltrans *Transportation and Construction Vibration Guidance Manual*, (13 p. 38) Table 19, vibration damage are used in this noise study to assess potential temporary construction-related impacts at adjacent building locations. The nearest noise sensitive buildings adjacent to the Project site can best be described as "older residential structures" with a maximum acceptable continuous vibration threshold of 0.3 PPV (in/sec).

3.6 AIRPORT LAND USE COMPATIBILITY

The Project site is located approximately 1.3 miles southeast of the Ontario International Airport (ONT). This places the Project site within the ONT Airport Influence Area according to Policy Map 2-1 of the *Ontario International Airport Land Use Compatibility Plan (ONT ALUCP).* The ONT ALUCP was amended July 2018 to promote compatibility between airport and the land uses that surround it (14). Since the Project site is located within the ONT Airport Influence Area, the Project is subject to the Noise Criteria established on Table 2-3 in the ONT ALUCP. As shown on Exhibit 3-B, the Project site is located within the ONT Airport Influence Area but outside the 65 dBA CNEL airport noise impact zone consistent with Policy Map 2-3. According to Table 2-3 of the ONT ALUCP, industrial land uses located outside the 65 dBA CNEL noise level contours of ONT, such as the Project, are considered *normally compatible land use.* For *normally compatible land use,* either the activities associated with the land use are inherently noisy or standard construction methods will sufficiently attenuate exterior noise to an acceptable indoor community noise equivalent level (CNEL).

EXHIBIT 3-B: ONT FUTURE AIRPORT NOISE CONTOURS



LEGEND:

- Project Site Boundary
- ONT Airport Influence Area

Ontario Airport Noise Impact Zone

- 60 dBA CNEL Noise Contour
- 65 dBA CNEL Noise Contour

Source: Ontario International ALUCP Compatibility Policy Map: Noise Impact Zones, Map 2-3 (July 2018 Amendment)

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4 SIGNIFICANCE CRITERIA

The following significance criteria are based on currently adopted guidance provided by Appendix G of the California Environmental Quality Act (CEQA) Guidelines. (1) For the purposes of this report, impacts would be potentially significant if the Project results in or causes:

A. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

B. Generation of excessive ground-borne vibration or ground-borne noise levels?

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

4.1 NOISE LEVEL INCREASES (THRESHOLD A)

Noise level increases resulting from the Project are evaluated based on the Appendix G CEQA Guidelines. Under CEQA, consideration must be given to the magnitude of the increase, the existing baseline ambient noise levels, and the location of receivers to determine if a noise increase represents a significant adverse environmental impact. This approach recognizes *that there is no single noise increase that renders the noise impact significant.* (15) This is primarily because of the wide variation in individual thresholds of annoyance and differing individual experiences with noise. Thus, an important way of determining a person's subjective reaction to a new noise is the comparison of it to the existing environment to which one has adapted—the so-called *ambient* environment. In general, the more a new noise exceeds the previously existing ambient noise level, the less acceptable the new noise will typically be judged.

The Federal Interagency Committee on Noise (FICON) (16) developed guidance to be used for the assessment of project-generated increases in noise levels that consider the ambient noise level. The FICON recommendations are based on studies that relate aircraft noise levels to the percentage of persons highly annoyed by aircraft noise. Although the FICON recommendations were specifically developed to assess aircraft noise impacts, these recommendations are often used in environmental noise impact assessments involving the use of cumulative noise exposure metrics, such as the average-daily noise level (CNEL) and equivalent continuous noise level (L_{eq}).

As previously stated, the approach used in this noise study recognizes *that there is no single noise increase that renders the noise impact significant*, based on a 2008 California Court of Appeal ruling on Gray v. County of Madera. (15) For example, if the ambient noise environment is quiet (<60 dBA) and the new noise source greatly increases the noise levels, an impact may occur if the noise criteria may be exceeded. Therefore, for this analysis, a *readily perceptible* 5 dBA or greater project-related noise level increase is considered a significant impact when the without project noise levels are below 60 dBA. Per the FICON, in areas where the without project noise levels range from 60 to 65 dBA, a 3 dBA *barely perceptible* noise level increase appears to be appropriate for most people. When the without project noise levels already exceed 65 dBA, any increase in community noise louder than 1.5 dBA or greater is considered a significant impact if

the noise criteria for a given land use is exceeded, since it likely contributes to an existing noise exposure exceedance. The FICON guidance provides an established source of criteria to assess the impacts of substantial temporary or permanent increase in baseline ambient noise levels. Based on the FICON criteria, the amount to which a given noise level increase is considered acceptable is reduced when the without Project (baseline) noise levels are already shown to exceed certain land-use specific exterior noise level criteria. The specific levels are based on typical responses to noise level increases of 5 dBA or *readily perceptible*, 3 dBA or *barely perceptible*, and 1.5 dBA depending on the underlying without Project noise levels for noise-sensitive uses. These levels of increases and their perceived acceptance are consistent with guidance provided by both the Federal Highway Administration (4 p. 9) and Caltrans (17 p. 2_48).

4.2 VIBRATION (THRESHOLD B)

As described in Section 3.5, the vibration impacts originating from the construction of the First Grove, vibration-generating activities are appropriately evaluated using the Caltrans vibration damage thresholds to assess potential temporary construction-related impacts at adjacent building locations. The nearest noise sensitive buildings adjacent to the Project site can best be described as "older residential structures" with a maximum acceptable continuous vibration threshold of 0.3 PPV (in/sec).

4.3 CEQA GUIDELINES NOT FURTHER ANALYZED (THRESHOLD C)

CEQA Noise Threshold C applies when there are nearby public and private airports and/or air strips and focuses on land use compatibility of the Project to nearby airports and airstrips. The closest airport which would require additional noise analysis under CEQA guideline C is the Ontario International Airport. As previously indicated in Section 3.6, the Project site is located within the ONT Airport Influence Area but is located outside the 65 dBA CNEL airport noise impact zone. Therefore, airport noise impacts are considered *less than significant,* and no further noise analysis is provided under Guideline C.

4.4 SIGNIFICANCE CRITERIA SUMMARY

Noise impacts shall be considered significant if any of the following occur as a direct result of the proposed Project. Table 4-1 shows the significance criteria summary matrix that includes the allowable criteria used to identify potentially significant incremental noise level increases.

TABLE 4-1: SIGNIFICANCE CRITERIA SUMMARY

Analysis	Receiving Land Use	Condition(s)	Significance Criteria	
			Daytime	Nighttime
Operational	Noise-Sensitive	Exterior Noise Level Standards[1]	65 dBA L_{eq}	45 dBA L_{eq}
		If ambient is < 60 dBA Leq[2]	≥ 5 dBA L_{eq} Project increase	
		If ambient is 60 - 65 dBA Leq[2]	≥ 3 dBA L_{eq} Project increase	
		If ambient is > 65 dBA Leq[2]	≥ 1.5 dBA L_{eq} Project increase	
Construction		Permitted hours of 7:00 a.m. and 6:00 p.m. on weekdays[3]		
		Noise Level Threshold[4]	80 dBA L_{eq}	
		Vibration Level Threshold[5]	0.3 PPV (in/sec)	

[1] City of Ontario Municipal Code, 5-29.04(a) exterior noise standards for residential land uses (Noise Zone I).
[2] FICON, 1992.
[3] City of Ontario Municipal Code Section 5-29.09(a).
[4] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual.
[5] Caltrans Transportation and Construction Vibration Manual, April 2020 Table 19.
"Daytime" = 7:00 a.m. to 10:00 p.m.; "Nighttime" = 10:00 p.m. to 7:00 a.m.

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5 EXISTING NOISE LEVEL MEASUREMENTS

To assess the existing noise level environment, 24-hour noise level measurements were taken at five locations in the Project study area. The receiver locations were selected to describe and document the existing noise environment within the Project study area. Exhibit 5-A provides the boundaries of the Project study area and the noise level measurement locations. To fully describe the existing noise conditions, noise level measurements were collected by Urban Crossroads, Inc. on Thursday, May 4th, 2023. Appendix 5.1 includes study area photos.

5.1 MEASUREMENT PROCEDURE AND CRITERIA

To describe the existing noise environment, the hourly noise levels were measured during typical weekday conditions over a 24-hour period. By collecting individual hourly noise level measurements, it is possible to describe the equivalent daytime and nighttime hourly noise levels. The long-term noise readings were recorded using Piccolo Type 2 integrating sound level meter and dataloggers. The Piccolo sound level meters were calibrated using a Larson-Davis calibrator, Model CAL 150. All noise meters were programmed in "slow" mode to record noise levels in "A" weighted form. The sound level meters and microphones were equipped with a windscreen during all measurements. All noise level measurement equipment satisfies the American National Standards Institute (ANSI) standard specifications for sound level meters ANSI S1.4-2014/IEC 61672-1:2013. (18)

5.2 NOISE MEASUREMENT LOCATIONS

The long-term noise level measurements were positioned as close to the nearest sensitive receiver locations as possible to assess the existing ambient hourly noise levels surrounding the Project site. Both Caltrans and the FTA recognize that it is not reasonable to collect noise level measurements that can fully represent every part of a private yard, patio, deck, or balcony normally used for human activity when estimating impacts for new development projects. This is demonstrated in the Caltrans general site location guidelines which indicate that, *sites must be free of noise contamination by sources other than sources of interest. Avoid sites located near sources such as barking dogs, lawnmowers, pool pumps, and air conditioners unless it is the express intent of the analyst to measure these sources*. (2) Further, FTA guidance states, t*hat it is not necessary nor recommended that existing noise exposure be determined by measuring at every noise-sensitive location in the project area. Rather, the recommended approach is to characterize the noise environment for clusters of sites based on measurements or estimates at representative locations in the community*. (8)

Based on recommendations of Caltrans and the FTA, it is not necessary to collect measurements at each individual building or residence, because each receiver measurement represents a group of buildings that share acoustical equivalence. (8) In other words, the area represented by the receiver shares similar shielding, terrain, and geometric relationship to the reference noise source. Receivers represent a location of noise sensitive areas and are used to estimate the future noise level impacts. Collecting reference ambient noise level measurements at the nearby sensitive receiver locations allows for a comparison of the before and after Project noise levels

and is necessary to assess potential noise impacts due to the Project's contribution to the ambient noise levels.

5.3 NOISE MEASUREMENT RESULTS

The noise measurements presented below focus on the average or equivalent sound levels (L_{eq}). The equivalent sound level (L_{eq}) represents a steady state sound level containing the same total energy as a time varying signal over a given sample period. Table 5-1 identifies the hourly daytime (7:00 a.m. to 10:00 p.m.) and nighttime (10:00 p.m. to 7:00 a.m.) noise levels at each noise level measurement location.

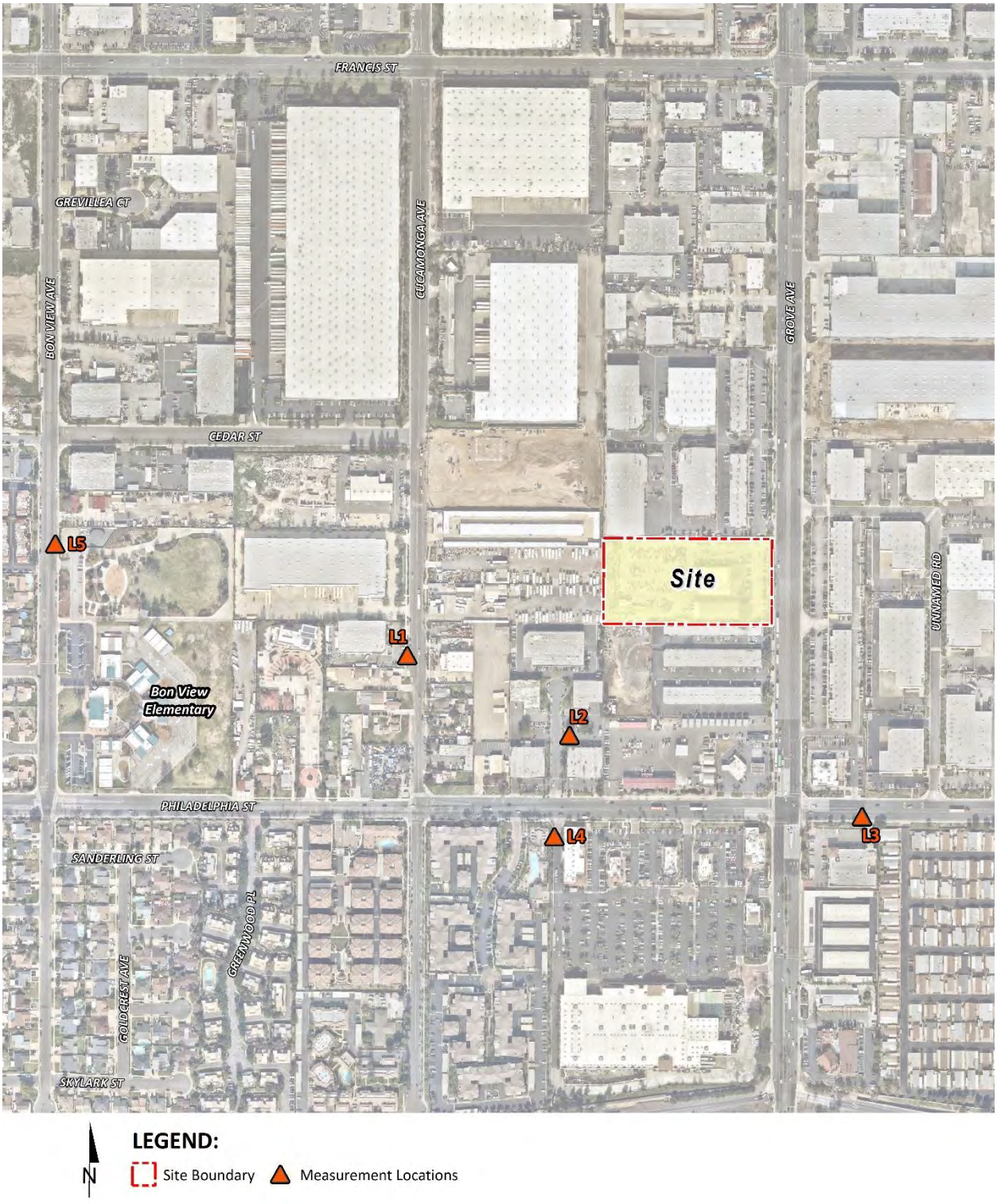
TABLE 5-1: 24-HOUR AMBIENT NOISE LEVEL MEASUREMENTS

Location[1]	Description	Energy Average Noise Level (dBA L_{eq})[2]	
		Daytime	Nighttime
L1	Located southwest of the site near the residence at 2120 S. Cucamonga Ave.	63.7	59.2
L2	Located south of the site near the residence at 1147 E Philadelphia St.	61.8	60.0
L3	Located southeast of the site near the residence at 1456 E Philadelphia St.	72.1	67.2
L4	Located south of the site near the residence at 1110 E Philadelphia St.	67.2	64.8
L5	Located west of the site near the residence at 2048 S. Bon View Ave.	67.0	65.4

[1] See Exhibit 5-A for the noise level measurement locations.
[2] Energy (logarithmic) average levels. The long-term 24-hour measurement worksheets are included in Appendix 5.2. "Daytime" = 7:00 a.m. to 7:00 p.m.; "Nighttime" = 10:00 p.m. to 7:00 a.m.

Table 5-1 provides the (energy average) noise levels used to describe the daytime and nighttime ambient conditions. These daytime and nighttime energy average noise levels represent the average of all hourly noise levels observed during these time periods expressed as a single number. Appendix 5.2 provides summary worksheets of the noise levels for each hour as well as the minimum, maximum, L_1, L_2, L_5, L_8, L_{25}, L_{50}, L_{90}, L_{95}, and L_{99} percentile noise levels observed during the daytime and nighttime periods.

EXHIBIT 5-A: NOISE MEASUREMENT LOCATIONS



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6 RECEIVER LOCATIONS

To assess the potential for long-term operational and short-term construction noise impacts, the following sensitive receiver locations, as shown on Exhibit 6-A, were identified as representative locations for analysis. Sensitive receivers are generally defined as locations where people reside or where the presence of unwanted sound could otherwise adversely affect the use of the land. Noise-sensitive land uses are generally considered to include schools, hospitals, single-family dwellings, mobile home parks, churches, libraries, and recreation areas. Moderately noise-sensitive land uses typically include multi-family dwellings, hotels, motels, dormitories, out-patient clinics, cemeteries, golf courses, country clubs, athletic/tennis clubs, and equestrian clubs. Land uses that are considered relatively insensitive to noise include business, commercial, and professional developments. Land uses that are typically not affected by noise include: industrial, manufacturing, utilities, agriculture, undeveloped land, parking lots, warehousing, liquid and solid waste facilities, salvage yards, and transit terminals.

To describe the potential off-site Project noise levels, five receiver locations in the vicinity of the Project site were identified. The selection of receiver locations is based on FHWA guidelines and is consistent with additional guidance provided by Caltrans and the FTA, as previously described in Section 5.2. Other sensitive land uses in the Project study area that are located at greater distances than those identified in this noise study will experience lower noise levels than those presented in this report due to the additional attenuation from distance and the shielding of intervening structures. Distance is measured in a straight line from the project boundary to each receiver location.

R1: Location R1 represents the existing noise sensitive residence at 2125 S Cucamonga Avenue, approximately 596 feet southwest of the Project site. R1 is placed in the private outdoor living areas (backyard) facing the Project site. A 24-hour noise measurement was taken near this location, L1, to describe the existing ambient noise environment.

R2: Location R2 represents the Home of Christian-Bethel Church at 1147 E Philadelphia Street, approximately 439 feet south of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receiver R2 is placed at the building façade. A 24-hour noise measurement was taken near this location, L2, to describe the existing ambient noise environment.

R3: Location R3 represents the existing noise sensitive residence at 1456 E Philadelphia Street, approximately 824 feet southeast of the Project site. R3 is placed in the private outdoor living areas (backyard) facing the Project site. A 24-hour noise measurement was taken near this location, L3, to describe the existing ambient noise environment.

R4: Location R4 represents The Grove Apartments at 1110 E Philadelphia Street, approximately 756 feet south of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receiver R4 is placed at the building façade. A 24-hour noise measurement was taken near this location, L4, to describe the existing ambient noise environment.

R5: Location R5 represents the Bon View Elementary school at 2121 S Bon View Avenue, approximately 1,521 feet west of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receiver R5 is placed at the nearest building

façade. A 24-hour noise measurement was taken near this location, L4, to describe the existing ambient noise environment.

EXHIBIT 6-A: RECEIVER LOCATIONS

7 OPERATIONAL NOISE ANALYSIS

This section analyzes the potential stationary-source operational noise impacts at the nearby receiver locations, identified in Section 6, resulting from the operation of the proposed First Grove Project. Exhibit 7-A identifies the noise source locations used to assess the operational noise levels.

7.1 OPERATIONAL NOISE SOURCES

This operational noise analysis is intended to describe noise level impacts associated with the expected typical of daytime and nighttime activities at the Project site. To present the potential worst-case noise conditions, this analysis assumes the Project would be operational 24 hours per day, seven days per week. Consistent with similar warehouse and industrial uses, the Project business operations would primarily be conducted within the enclosed buildings, except for traffic movement, parking, as well as loading and unloading of trucks at designated loading bays. The on-site Project-related noise sources are expected to include: loading dock activity, roof-top air conditioning units, trash enclosure activity, parking lot vehicle movements, and truck movements.

7.2 REFERENCE NOISE LEVELS

To estimate the Project operational noise impacts, reference noise level measurements were collected from similar types of activities to represent the noise levels expected with the development of the proposed Project. This section provides a detailed description of the reference noise level measurements shown on Table 7-1 used to estimate the Project operational noise impacts. It is important to note that the following projected noise levels assume the worst-case noise environment with the loading dock activity, roof-top air conditioning units, trash enclosure activity, parking lot vehicle movements, and truck movements all operating at the same time. These sources of noise activity will likely vary throughout the day.

7.2.1 MEASUREMENT PROCEDURES

The reference noise level measurements presented in this section were collected using a Larson Davis LxT Type 1 precisions sound level meter (serial number 01146). The LxT sound level meter was calibrated using a Larson-Davis calibrator, Model CAL 200, was programmed in "slow" mode to record noise levels in "A" weighted form and was located at approximately five feet above the ground elevation for each measurement. The sound level meters and microphones were equipped with a windscreen during all measurements. All noise level measurement equipment satisfies the American National Standards Institute (ANSI) standard specifications for sound level meters ANSI S1.4-2014/IEC 61672-1:2013. (18)

EXHIBIT 7-A: OPERATIONAL NOISE SOURCE LOCATIONS

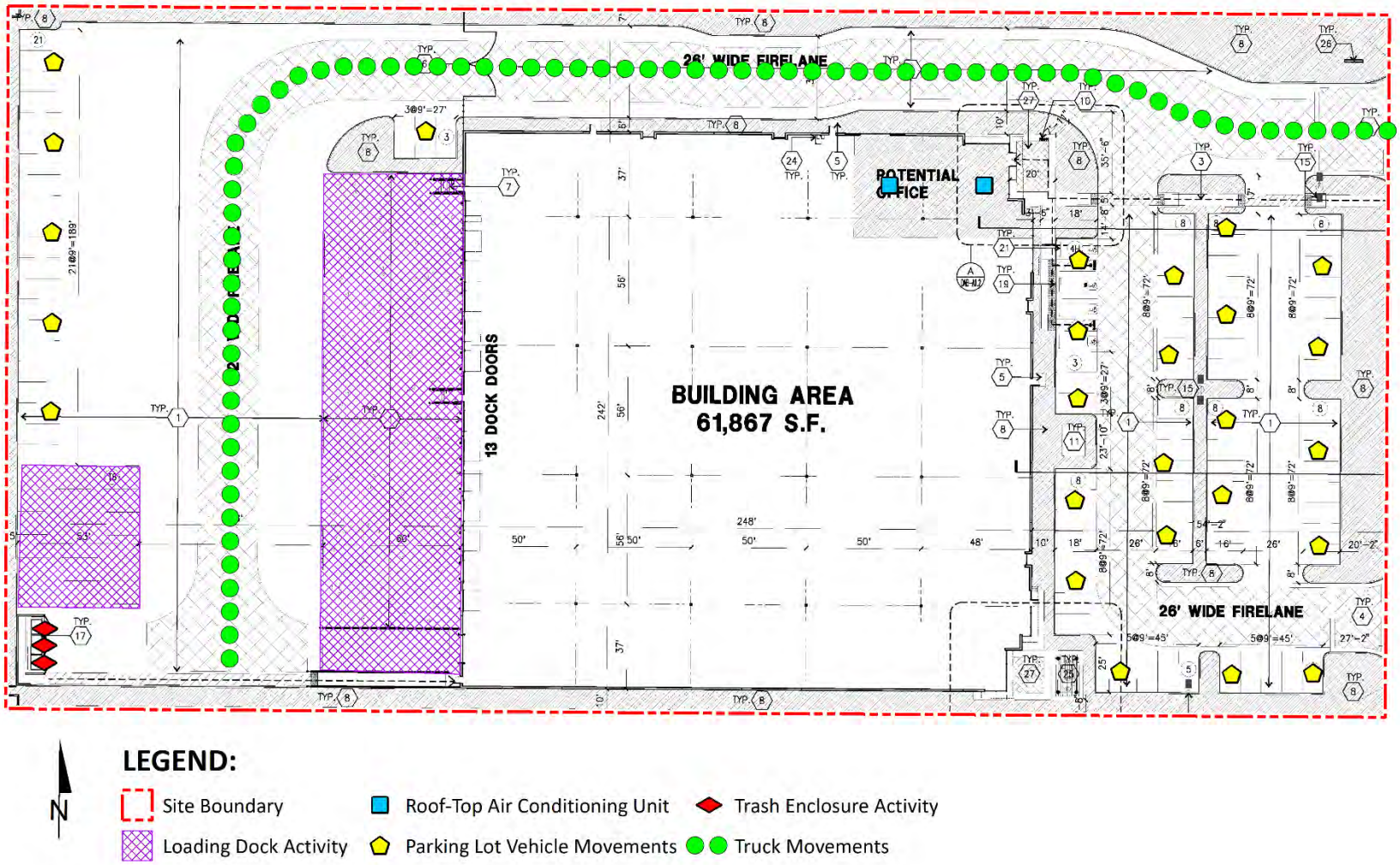


TABLE 7-1: REFERENCE NOISE LEVEL MEASUREMENTS

Noise Source[1]	Noise Source Height (Feet)	Min./ Hour[2]		Reference Noise Level (dBA L_{eq}) @ 50 Feet	Sound Power Level (dBA)[3]
		Day	Night		
Loading Dock Activity	8'	60	60	65.7	111.5
Roof-Top Air Conditioning Units	5'	39	28	57.2	88.9
Trash Enclosure Activity	5'	60	30	57.3	89.0
Parking Lot Vehicle Movements	5'	60	60	52.6	81.1
Truck Movements	8'	60	60	59.8	93.2

[1] As measured by Urban Crossroads, Inc.
[2] Anticipated duration (minutes within the hour) of noise activity during typical hourly conditions expected at the Project site. "Daytime" = 7:00 a.m. - 10:00 p.m.; "Nighttime" = 10:00 p.m. - 7:00 a.m.
[3] Sound power level represents the total amount of acoustical energy (noise level) produced by a sound source independent of distance or surroundings. Sound power levels calculated using the CadnaA noise model at the reference distance to the noise source.

7.2.2 LOADING DOCK ACTIVITY

The reference loading dock activities are intended to describe the typical outdoor operational noise activities associated with the Project. This includes truck idling, reefer activity (refrigerator truck/cold storage), deliveries, backup alarms, trailer docking including a combination of tractor trailer semi-trucks, two-axle delivery trucks, and background operation activities. Since the noise levels generated by cold storage loading dock activity can be slightly higher due to the use of refrigerated trucks or reefers.

The reference noise level measurement was taken in the center of the loading dock activity area and represents multiple concurrent noise sources resulting in a combined noise level of 65.7 dBA L_{eq} at a uniform distance of 50 feet. Specifically, the reference noise level measurement represents one truck located approximately 30 feet from the noise level meter with another truck passing by to park roughly 20 feet away, both with their engines idling. Throughout the reference noise level measurement, a separate docked and running reefer truck was located approximately 50 feet east of the measurement location. Additional background noise sources included truck pass-by noise, truck drivers talking to each other next to docked trucks, and air brake release noise when trucks parked.

7.2.3 ROOF-TOP AIR CONDITIONING UNITS

The noise level measurements describe a single mechanical roof-top air conditioning unit. The reference noise level represents a Lennox SCA120 series 10-ton model packaged air conditioning unit. At the uniform reference distance of 50 feet, the reference noise levels are 57.2 dBA L_{eq}. Based on the typical operating conditions observed over a four-day measurement period, the roof-top air conditioning units are estimated to operate for and average 39 minutes per hour during the daytime hours, and 28 minutes per hour during the nighttime hours. These operating conditions reflect peak summer cooling requirements with measured temperatures approaching

96 degrees Fahrenheit (°F) with average daytime temperatures of 82°F. For this noise analysis, the air conditioning units are expected to be located on the roof of the Project buildings.

7.2.4 TRASH ENCLOSURE ACTIVITY

To describe the noise levels associated with a trash enclosure activity, Urban Crossroads collected a reference noise level measurement at an existing trash enclosure containing two dumpster bins. The trash enclosure noise levels describe metal gates opening and closing, metal scraping against concrete floor sounds, dumpster movement on metal wheels, and trash dropping into the metal dumpster. The reference noise levels describe trash enclosure noise activities when trash is dropped into an empty metal dumpster, as would occur at the Project Site. The measured reference noise level at the uniform 50-foot reference distance is 57.3 dBA L_{eq} for the trash enclosure activity. The reference noise level describes the expected noise source activities associated with the trash enclosures for the Project's proposed building. Typical trash enclosure activities are estimated to occur for 10 minutes per hour.

7.2.5 PARKING LOT VEHICLE MOVEMENTS

To describe the on-site parking lot activity, a long-term 29-hour reference noise level measurement was collected in the center of activity within the staff parking lot of an Amazon warehouse distribution center. At 50 feet from the center of activity, the parking lot produced a reference noise level of 52.6 dBA L_{eq}. Parking activities are expected to take place during the full hour (60 minutes) throughout the daytime and evening hours. The parking lot noise levels are mainly due cars pulling in and out of parking spaces in combination with car doors opening and closing.

7.2.6 TRUCK MOVEMENTS

The truck movements reference noise level measurement was collected over a period of 1 hour and 28 minutes and represents multiple heavy trucks entering and exiting the outdoor loading dock area producing a reference noise level of 59.8 dBA L_{eq} at 50 feet. The noise sources included at this measurement location account for trucks entering and existing the Project driveways and maneuvering in and out of the outdoor loading dock activity area.

7.3 CADNAA NOISE PREDICTION MODEL

To fully describe the exterior operational noise levels from the Project, Urban Crossroads, Inc. developed a noise prediction model using the CadnaA (Computer Aided Noise Abatement) computer program. CadnaA can analyze multiple types of noise sources using the spatially accurate Project site plan, georeferenced Nearmap aerial imagery, topography, buildings, and barriers in its calculations to predict outdoor noise levels.

Using the ISO 9613-2 protocol, CadnaA will calculate the distance from each noise source to the noise receiver locations, using the ground absorption, distance, and barrier/building attenuation inputs to provide a summary of noise level at each receiver and the partial noise level contributions by noise source. Consistent with the ISO 9613-2 protocol, the CadnaA noise prediction model relies on the reference sound power level (L_w) to describe individual noise

sources. While sound pressure levels (e.g., L_{eq}) quantify in decibels the intensity of given sound sources at a reference distance, sound power levels (L_w) are connected to the sound source and are independent of distance. Sound pressure levels vary substantially with distance from the source and diminish because of intervening obstacles and barriers, air absorption, wind, and other factors. Sound power is the acoustical energy emitted by the sound source and is an absolute value that is not affected by the environment.

The operational noise level calculations provided in this noise study account for the distance attenuation provided due to geometric spreading, when sound from a localized stationary source (i.e., a point source) propagates uniformly outward in a spherical pattern. A default ground attenuation factor of 0.5 was used in the CadnaA noise analysis to account for mixed ground representing a combination of hard and soft surfaces. Appendix 7.1 includes the detailed noise model inputs used to estimate the Project operational noise levels presented in this section.

7.4 PROJECT OPERATIONAL NOISE LEVELS

Using the reference noise levels to represent the proposed Project operations that include loading dock activity, roof-top air conditioning units, trash enclosure activity, parking lot vehicle movements, and truck movements, Urban Crossroads, Inc. calculated the operational source noise levels that are expected to be generated at the Project site and the Project-related noise level increases that would be experienced at each of the sensitive receiver locations. Table 7-2 shows the Project operational noise levels during the daytime hours of 7:00 a.m. to 10:00 p.m. The daytime hourly noise levels at the off-site receiver locations are expected to range from 48.5 to 58.0 dBA L_{eq}.

TABLE 7-2: DAYTIME PROJECT OPERATIONAL NOISE LEVELS

Noise Source[1]	Operational Noise Levels by Receiver Location (dBA Leq)				
	R1	R2	R3	R4	R5
Loading Dock Activity	55.6	57.9	48.4	53.9	48.4
Roof-Top Air Conditioning Units	23.7	26.6	25.3	23.1	18.6
Trash Enclosure Activity	35.4	37.9	29.3	33.3	27.3
Parking Lot Vehicle Movements	29.0	32.2	31.2	29.1	21.8
Truck Movements	30.7	32.3	26.2	28.7	25.1
Total (All Noise Sources)	**55.7**	**58.0**	**48.6**	**54.0**	**48.5**

[1] See Exhibit 7-A for the noise source locations. CadnaA noise model calculations are included in Appendix 7.1.

Table 7-3 shows the Project operational noise levels during the nighttime hours of 10:00 p.m. to 7:00 a.m. The nighttime hourly noise levels at the off-site receiver locations are expected to range from 48.4 to 57.9 dBA L_{eq}. The differences between the daytime and nighttime noise levels are largely related to the estimated duration of noise activity as outlined in Table 7-1 and Appendix 7.1.

TABLE 7-3: NIGHTTIME PROJECT OPERATIONAL NOISE LEVELS

Noise Source[1]	Operational Noise Levels by Receiver Location (dBA Leq)				
	R1	R2	R3	R4	R5
Loading Dock Activity	55.6	57.9	48.4	53.9	48.4
Roof-Top Air Conditioning Units	21.3	24.2	22.9	20.7	16.1
Trash Enclosure Activity	31.4	33.9	25.4	29.4	23.3
Parking Lot Vehicle Movements	29.0	32.2	31.2	29.1	21.8
Truck Movements	30.7	32.3	26.2	28.7	25.1
Total (All Noise Sources)	**55.6**	**57.9**	**48.5**	**53.9**	**48.4**

[1] See Exhibit 7-A for the noise source locations. CadnaA noise model calculations are included in Appendix 7.1.

7.5 PROJECT OPERATIONAL NOISE LEVEL COMPLIANCE

To demonstrate compliance with local noise regulations, the Project-only operational noise levels are evaluated against exterior noise level thresholds based on the City of Ontario exterior noise level standards at nearby noise-sensitive receiver locations. Table 7-4 shows the operational noise levels associated with First Grove Project will satisfy the City of Ontario exterior noise level standards adjusted to reflect the ambient noise level conditions.

TABLE 7-4: OPERATIONAL NOISE LEVEL COMPLIANCE

Receiver Location[1]	Project Operational Noise Levels (dBA Leq)[2]		Noise Level Standards (dBA Leq)[3]		Noise Level Standards Exceeded?[4]	
	Daytime	Nighttime	Daytime	Nighttime	Daytime	Nighttime
R1	55.7	55.6	63.7	59.2	No	No
R2	58.0	57.9	61.8	60.0	No	No
R3	48.6	48.5	72.1	67.2	No	No
R4	54.0	53.9	67.2	64.8	No	No
R5	48.5	48.4	67.0	65.4	No	No

[1] See Exhibit 6-A for the receiver locations.
[2] Proposed Project operational noise levels as shown on Tables 7-2 and 7-3.
[3] Exterior noise level standards, adjusted to reflect the ambient noise levels (see Table 5-1) per the City of Ontario Noise Ordinance Section 5-29.04(a)(1)
[4] Do the estimated Project operational noise source activities exceed the noise level standards?
"Daytime" = 7:00 a.m. - 10:00 p.m.; "Nighttime" = 10:00 p.m. - 7:00 a.m.

7.6 PROJECT OPERATIONAL NOISE LEVEL INCREASES

To describe the Project operational noise level increases, the Project operational noise levels are combined with the existing ambient noise levels measurements for the nearby receiver locations potentially impacted by Project operational noise sources. Since the units used to measure noise, decibels (dB), are logarithmic units, the Project-operational and existing ambient noise levels cannot be combined using standard arithmetic equations. (2) Instead, they must be logarithmically added using the following base equation:

$$SPL_{Total} = 10\log_{10}[10^{SPL1/10} + 10^{SPL2/10} + \ldots 10^{SPLn/10}]$$

Where "SPL1," "SPL2," etc. are equal to the sound pressure levels being combined, or in this case, the Project-operational and existing ambient noise levels. The difference between the combined Project and ambient noise levels describes the Project noise level increases to the existing ambient noise environment. As indicated on Table 7-5, the Project will generate a daytime operational noise level increases ranging from 0.0 to 1.5 dBA L_{eq} at the nearest receiver locations. Table 7-6 shows that the Project will generate a nighttime operational noise level increases ranging from 0.1 to 2.1 dBA L_{eq} at the nearest receiver locations. Project-related operational noise level increases will satisfy the operational noise level increase significance criteria presented on Table 4-1. Therefore, the incremental Project operational noise level increase is considered *less than significant* at all receiver locations.

TABLE 7-5: DAYTIME PROJECT OPERATIONAL NOISE LEVEL INCREASES

Receiver Location[1]	Total Project Operational Noise Level[2]	Measurement Location[3]	Reference Ambient Noise Levels[4]	Combined Project and Ambient[5]	Project Increase[6]	Increase Criteria[7]	Increase Criteria Exceeded?
R1	55.7	L1	63.7	64.3	0.6	3.0	No
R2	58.0	L2	61.8	63.3	1.5	3.0	No
R3	48.6	L3	72.1	72.1	0.0	1.5	No
R4	54.0	L4	67.2	67.4	0.2	1.5	No
R5	48.5	L5	67.0	67.1	0.1	1.5	No

[1] See Exhibit 6-A for the receiver locations.
[2] Total Project daytime operational noise levels as shown on Table 7-2.
[3] Reference noise level measurement locations as shown on Exhibit 5-A.
[4] Observed daytime ambient noise levels as shown on Table 5-1.
[5] Represents the combined ambient conditions plus the Project activities.
[6] The noise level increase expected with the addition of the proposed Project activities.
[7] Significance increase criteria as shown on Table 4-1.

TABLE 7-6: NIGHTTIME OPERATIONAL NOISE LEVEL INCREASES

Receiver Location[1]	Total Project Operational Noise Level[2]	Measurement Location[3]	Reference Ambient Noise Levels[4]	Combined Project and Ambient[5]	Project Increase[6]	Increase Criteria[7]	Increase Criteria Exceeded?
R1	55.6	L1	59.2	60.8	1.6	5.0	No
R2	57.9	L2	60.0	62.1	2.1	5.0	No
R3	48.5	L3	67.2	67.3	0.1	1.5	No
R4	53.9	L4	64.8	65.1	0.3	3.0	No
R5	48.4	L5	65.4	65.5	0.1	1.5	No

[1] See Exhibit 6-A for the receiver locations.
[2] Total Project nighttime operational noise levels as shown on Table 7-4.
[3] Reference noise level measurement locations as shown on Exhibit 5-A.
[4] Observed nighttime ambient noise levels as shown on Table 5-1.
[5] Represents the combined ambient conditions plus the Project activities.
[6] The noise level increase expected with the addition of the proposed Project activities.
[7] Significance increase criteria as shown on Table 4-1.

7.7 OFF-SITE TRAFFIC NOISE ANALYSIS

Traffic generated by the operation of the proposed Project will influence the traffic noise levels in surrounding off-site areas and at the Project site. The off-site Project-related traffic represents an incremental increase to the existing roadway volumes, which is not expected to generate a barely perceptible noise level increase of 3 dBA CNEL at nearby sensitive land uses adjacent to study area roadways, since a doubling of the existing traffic volumes would be required to generate a 3 dBA CNEL increase. Due to the low traffic volumes generated by the Project, the off-site traffic noise levels generated by the Project are considered less than significant and no further analysis is required.

8 CONSTRUCTION ANALYSIS

This section analyzes potential impacts resulting from the short-term construction activities associated with the development of the Project. Exhibit 8-A shows the construction activity boundaries in relation to the nearest sensitive receiver locations previously described in Section 6. According to Section 5-29.09 of the Municipal Code states: *No person, while engaged in construction, remodeling, digging, grading, demolition or any other related building activity, shall operate any tool, equipment or machine in a manner that produces loud noise that disturbs a person of normal sensitivity who works or resides in the vicinity, or a Police or Code Enforcement Officer, on any weekday except between the hours of 7:00 a.m. and 6:00 p.m. or on Saturday or Sunday between the hours of 9:00 a.m. and 6:00 p.m.* (12)

In addition, since neither the City of Ontario General Plan or County Code establish numeric maximum acceptable construction source noise levels at potentially affected receivers for CEQA analysis purposes. Therefore, a numerical construction threshold based on Federal Transit Administration (FTA) Transit Noise and Vibration Impact Assessment Manual is used for analysis of daytime construction impacts. The FTA considers a daytime exterior construction noise level of 80 dBA L_{eq} as a reasonable threshold for noise sensitive residential land use. (8 p. 179).

8.1 CONSTRUCTION NOISE LEVELS

The FTA *Transit Noise and Vibration Impact Assessment Manual* recognizes that construction projects are accomplished in several different stages and outlines the procedures for assessing noise impacts during construction. Each stage has a specific equipment mix, depending on the work to be completed during that stage. As a result of the equipment mix, each stage has its own noise characteristics; some stages have higher continuous noise levels than others, and some have higher impact noise levels than others. The Project construction activities are expected to occur in the following stages:

- Demolition
- Site Preparation
- Grading
- Building Construction
- Paving
- Architectural Coating

8.2 CONSTRUCTION REFERENCE NOISE LEVELS

To describe construction noise activities, this construction noise analysis was prepared using reference construction equipment noise levels from the Federal Highway Administration (FHWA) published the Roadway Construction Noise Model (RCNM), which includes a national database of construction equipment reference noise emission levels. (21) The RCNM equipment database, provides a comprehensive list of the noise generating characteristics for specific types of construction equipment. In addition, the database provides an acoustical usage factor to estimate the fraction of time each piece of construction equipment is operating at full power (i.e., its loudest condition) during a construction operation.

EXHIBIT 8-A: CONSTRUCTION NOISE SOURCE LOCATIONS

8.3 CONSTRUCTION NOISE ANALYSIS

Using the reference construction equipment noise levels and the CadnaA noise prediction model, calculations of the Project construction noise level impacts at the nearby sensitive receiver locations were completed. Consistent with FTA guidance for general construction noise assessment, Table 8-1 presents the combined noise levels for the loudest construction equipment, assuming they operate at the same time. As shown on Table 8-2, the construction noise levels are expected to range from 48.8 to 63.9 dBA L_{eq} at the nearby receiver locations. Appendix 8.1 includes the detailed CadnaA construction noise model inputs.

TABLE 8-1: CONSTRUCTION REFERENCE NOISE LEVELS

Construction Stage	Reference Construction Activity	Reference Noise Level @ 50 Feet (dBA L_{eq})[1]	Combined Noise Level (dBA L_{eq})[2]	Combined Sound Power Level (PWL)[3]
Demolition	Demolition Equipment	82	83	115
	Backhoes	74		
	Hauling Trucks	72		
Site Preparation	Crawler Tractors	78	80	112
	Hauling Trucks	72		
	Rubber Tired Dozers	75		
Grading	Graders	81	83	115
	Excavators	77		
	Compactors	76		
Building Construction	Cranes	73	81	113
	Tractors	80		
	Welders	70		
Paving	Pavers	74	83	115
	Paving Equipment	82		
	Rollers	73		
Architectural Coating	Cranes	73	77	109
	Air Compressors	74		
	Generator Sets	70		

[1] FHWA Roadway Construction Noise Model (RCNM).
[2] Represents the combined noise level for all equipment assuming they operate at the same time consistent with FTA Transit Noise and Vibration Impact Assessment guidance.
[3] Sound power level represents the total amount of acoustical energy (noise level) produced by a sound source independent of distance or surroundings. Sound power levels calibrated using the CadnaA noise model at the reference distance to the noise source.

TABLE 8-2: CONSTRUCTION EQUIPMENT NOISE LEVEL SUMMARY

Receiver Location[1]	Construction Noise Levels (dBA L_{eq})						
	Demolition	Site Preparation	Grading	Building Construction	Paving	Architectural Coating	Highest Levels[2]
R1	61.2	58.2	61.2	59.2	61.2	55.2	61.2
R2	63.9	60.9	63.9	61.9	63.9	57.9	63.9
R3	59.4	56.4	59.4	57.4	59.4	53.4	59.4
R4	60.2	57.2	60.2	58.2	60.2	54.2	60.2
R5	54.8	51.8	54.8	52.8	54.8	48.8	54.8

[1] Construction noise source and receiver locations are shown on Exhibit 8-A.
[2] Construction noise level calculations based on distance from the construction activity, which is measured from the Project site boundary to the nearest receiver locations. CadnaA construction noise model inputs are included in Appendix 8.1.

8.4 CONSTRUCTION NOISE LEVEL COMPLIANCE

To evaluate whether the Project will generate potentially significant short-term noise levels at nearest receiver locations, a construction-related daytime noise level threshold of 80 dBA L_{eq} is used as a reasonable threshold to assess the daytime construction noise level impacts. The construction noise analysis shows that the nearest receiver locations will satisfy the reasonable daytime 80 dBA L_{eq} significance threshold during Project construction activities as shown on Table 8-3. Therefore, the noise impacts due to Project construction noise are considered *less than significant* at all receiver locations.

TABLE 8-3: CONSTRUCTION NOISE LEVEL COMPLIANCE

Receiver Location[1]	Construction Noise Levels (dBA L_{eq})		
	Highest Construction Noise Levels[2]	Threshold[3]	Threshold Exceeded?[4]
R1	61.2	80	No
R2	63.9	80	No
R3	59.4	80	No
R4	60.2	80	No
R5	54.8	80	No

[1] Construction noise source and receiver locations are shown on Exhibit 8-A.
[2] Highest construction noise level calculations based on distance from the construction noise source activity to the nearest receiver locations as shown on Table 8-2.
[3] Construction noise level thresholds as shown on Table 4-1.
[4] Do the estimated Project construction noise levels exceed the construction noise level threshold?

8.5 NIGHTTIME CONCRETE POUR NOISE ANALYSIS

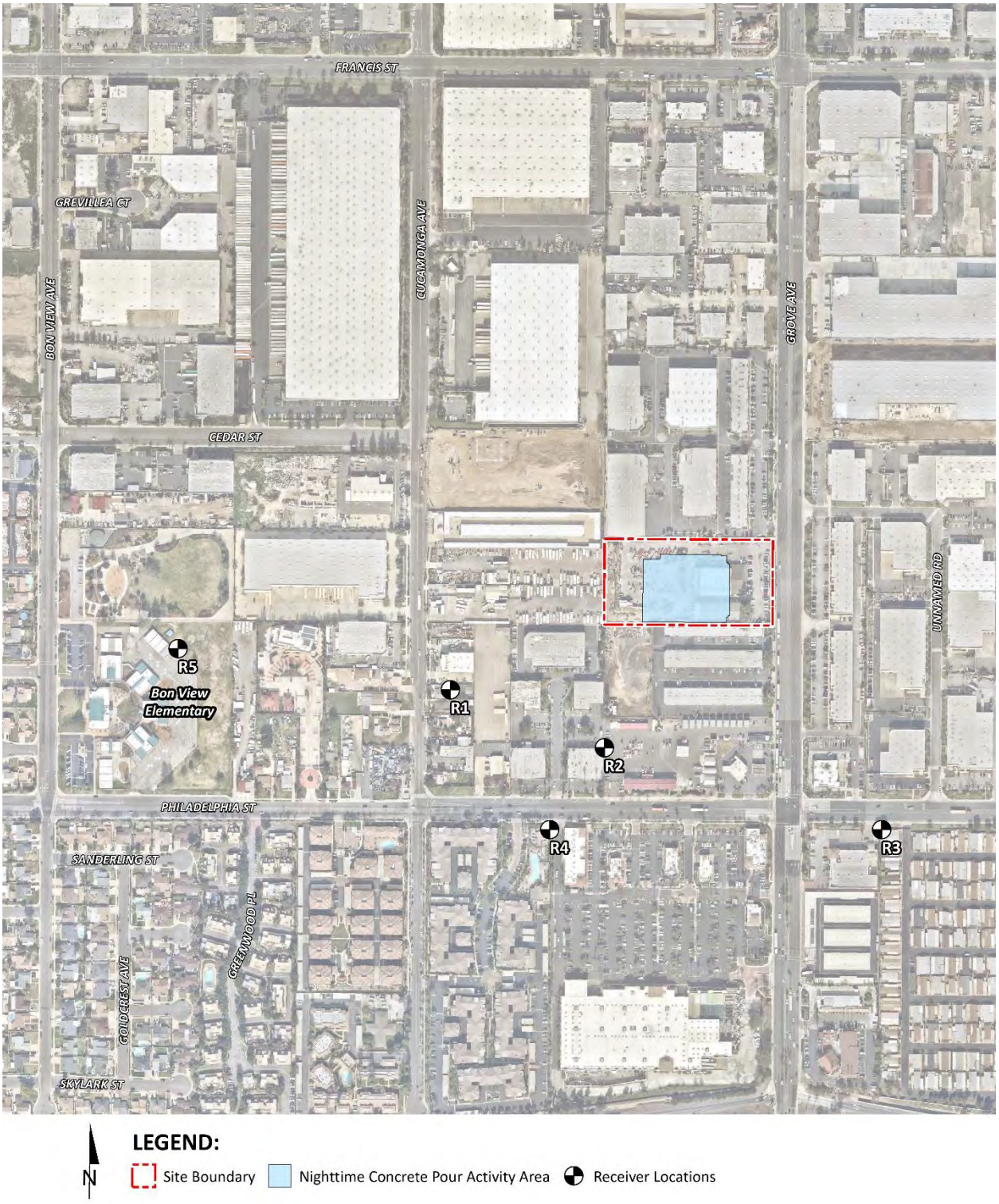
It is our understanding that nighttime concrete pouring activities will occur as a part of Project building construction activities. Nighttime concrete pouring activities are often used to support reduced concrete mixer truck transit times and lower air temperatures than during the daytime hours and are generally limited to the actual building pad area as shown on Exhibit 8-B. Since the nighttime concrete pours will take place outside the permitted City of Ontario Municipal Code, Section 5-29.09 hours of *7:00 a.m. and 6:00 p.m.* or on Saturday or Sunday between the hours of 9:00 a.m. and 6:00 p.m. The Project Applicant will be required to obtain authorization for nighttime work from the City of Ontario. Any nighttime construction noise activities shall satisfy the noise limits outlined in Table 4-1.

8.5.1 NIGHTTIME CONCRETE POUR REFERENCE NOISE LEVEL MEASUREMENTS

To estimate the noise levels due to nighttime concrete pour activities, sample reference noise level measurements were taken during a nighttime concrete pour at a construction site. Urban Crossroads, Inc. collected short-term nighttime concrete pour reference noise level measurements during the noise-sensitive nighttime hours between 1:00 a.m. to 2:00 a.m. at 27334 San Bernardino Avenue in the City of Redlands. The reference noise levels describe the expected concrete pour noise sources that may include concrete mixer truck movements and pouring activities, concrete paving equipment, rear mounted concrete mixer truck backup alarms, engine idling, air brakes, generators, and workers communicating/whistling.

To describe the nighttime concrete pour noise levels associated with the construction of the First Grove, this analysis relies on reference sound pressure level of 67.7 dBA L_{eq} at 50 feet representing a sound power level of 100.3 dBA L_w. While the Project noise levels will depend on the actual duration of activities and specific equipment fleet in use at the time of construction, the reference sound power level of 100.3 dBA L_w is used to describe the expected Project nighttime concrete pour noise activities.

EXHIBIT 8-B: NIGHTTIME CONCRETE POUR NOISE SOURCE AND RECEIVER LOCATIONS



8.5.2 NIGHTTIME CONCRETE POUR NOISE LEVEL COMPLIANCE

As shown on Table 8-4, the noise levels associated with the nighttime concrete pour activities are estimated to range from 33.2 to 42.5 dBA L_{eq} and will satisfy the City of Ontario nighttime stationary-source exterior hourly average L_{eq} residential noise level threshold adjusted to reflect the ambient noise conditions at all the receiver locations. Based on the results of this analysis, all nearest noise receiver locations will experience *less than significant* impacts due to the Project related nighttime concrete pour activities. Appendix 8.2 includes the CadnaA nighttime concrete pour noise model inputs.

TABLE 8-4: NIGHTTIME CONCRETE POUR NOISE LEVEL COMPLIANCE

Receiver Location[1]	Use	Construction Noise Levels (dBA L_{eq})		
		Paving Construction[2]	Nighttime Threshold[3]	Threshold Exceeded?[4]
R1	Residence	39.4	45	No
R2	Residence	42.5	45	No
R3	Residence	37.8	45	No
R4	Residence	38.7	45	No
R5	School	33.2	45	No

[1] Noise receiver locations are shown on Exhibit 8-B.
[2] Paving construction noise level calculations based on distance from the construction noise source activity to nearby receiver locations.
[3] Exterior nighttime noise level standards as shown on Table 5-1.
[4] Do the estimated Project construction noise levels exceed the nighttime construction noise level threshold?

8.6 CONSTRUCTION VIBRATION ANALYSIS

Construction activity can result in varying degrees of ground vibration, depending on the equipment and methods employed. Operation of construction equipment causes ground vibrations that spread through the ground and diminish in strength with distance. Ground vibration levels associated with various types of construction equipment are summarized on Table 8-5. Based on the representative vibration levels presented for various construction equipment types, it is possible to estimate the potential for human response (annoyance) and building damage using the following vibration assessment methods defined by the FTA. To describe the vibration impacts the FTA provides the following equation: $PPV_{equip} = PPV_{ref} \times (25/D)^{1.5}$

TABLE 8-5: VIBRATION SOURCE LEVELS FOR CONSTRUCTION EQUIPMENT

Equipment	PPV (in/sec) at 25 feet
Small bulldozer	0.003
Jackhammer	0.035
Loaded Trucks	0.076
Large bulldozer	0.089

Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual

Table 8-6 presents the expected Project related vibration levels at the nearby receiver locations. At distances ranging from 439 to 1,521 feet from Project construction activities, construction vibration velocity levels are estimated to range from 0.000 to 0.001 in/sec PPV. Based on maximum acceptable continuous vibration threshold of 0.3 PPV (in/sec), the typical Project construction vibration levels will fall below the building damage thresholds at all the noise sensitive receiver locations. Therefore, the Project-related vibration impacts are considered *less than significant* during typical construction activities at the Project site.

Moreover, the vibration levels reported at the sensitive receiver locations are unlikely to be sustained during the entire construction period but will occur rather only during the times that heavy construction equipment is operating adjacent to the Project site perimeter.

TABLE 8-6: PROJECT CONSTRUCTION VIBRATION LEVELS

Receiver[1]	Distance to Const. Activity (Feet)[2]	Typical Construction Vibration Levels PPV (in/sec)[3]					Thresholds PPV (in/sec)[4]	Thresholds Exceeded?[5]
		Small bulldozer	Jackhammer	Loaded Trucks	Large bulldozer	Highest Vibration Level		
R1	596'	0.000	0.000	0.001	0.001	0.001	0.3	No
R2	439'	0.000	0.000	0.001	0.001	0.001	0.3	No
R3	824'	0.000	0.000	0.000	0.000	0.000	0.3	No
R4	756'	0.000	0.000	0.000	0.001	0.001	0.3	No
R5	1,521'	0.000	0.000	0.000	0.000	0.000	0.3	No

[1] Construction noise source and receiver locations are shown on Exhibit 8-A.
[2] Distance from receiver location to Project construction boundary (Project site boundary).
[3] Based on the Vibration Source Levels of Construction Equipment (Table 8-4).
[4] Caltrans Transportation and Construction Vibration Guidance Manual, April 2020, Table 19, p. 38.
[5] Does the peak vibration exceed the acceptable vibration thresholds?
"PPV" = Peak Particle Velocity

9 REFERENCES

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13. —. *Municipal Code, Chapter 29, Section 5- Noise.*
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20. **U.S. Department of Transportation, Federal Highway Administration, Office of Environment and Planning.** *FHWA Roadway Construction Noise Model.* January, 2006.

10 CERTIFICATIONS

The contents of this noise study report represent an accurate depiction of the noise environment and impacts associated with the proposed First Grove Project. The information contained in this noise study report is based on the best available data at the time of preparation. If you have any questions, please contact me directly at (949) 584-3148.

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EDUCATION

Master of Science in Civil and Environmental Engineering
California Polytechnic State University, San Luis Obispo • December, 1993

Bachelor of Science in City and Regional Planning
California Polytechnic State University, San Luis Obispo • June, 1992

PROFESSIONAL REGISTRATIONS

PE – Registered Professional Traffic Engineer – TR 2537 • January, 2009
AICP – American Institute of Certified Planners – 013011 • June, 1997–January 1, 2012
PTP – Professional Transportation Planner • May, 2007 – May, 2013
INCE – Institute of Noise Control Engineering • March, 2004

PROFESSIONAL AFFILIATIONS

ASA – Acoustical Society of America
ITE – Institute of Transportation Engineers

PROFESSIONAL CERTIFICATIONS

Certified Acoustical Consultant – County of San Diego • March, 2018
Certified Acoustical Consultant – County of Orange • February, 2011
FHWA-NHI-142051 Highway Traffic Noise Certificate of Training • February, 2013

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APPENDIX 3.1:

CITY OF ONTARIO MUNICIPAL CODE

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CHAPTER 29: NOISE

Sec. 5-29.01. Declaration of findings and policy.

It is hereby found and declared that:

(a) The making and creation of excessive, unnecessary or unusually loud noises within the limits of the City is a condition that has existed for some time, however, the extent and volume of such noises is increasing;

(b) The making, creation or maintenance of such excessive, unnecessary, unnatural or unusually loud noises that are prolonged, unusual and unnatural in their time, place and use affect and are a detriment to public health, comfort, convenience, safety, welfare and prosperity of the residents of the City; and

(c) The necessity in the public interest for the provisions and prohibitions hereinafter contained and enacted, is declared as a matter of legislative determination and public policy, and it is further declared

that the provisions and prohibitions hereinafter contained and enacted are in pursuance of and for the purpose of securing and promoting the public health, comfort, convenience, safety, welfare and prosperity and the peace and quiet of the residents of the City.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.02. Definitions.

As used in this chapter, specific words and phrases are defined as follows:

(a) "Ambient noise level" shall mean the all-encompassing noise level associated with a given environment and is a composite of sounds from all sources, excluding the alleged offensive noise or excessive sound, at the location and approximate time at which a comparison with the alleged offensive noise is to be made.

(b) "Applicable (noise) zone" shall mean the noise zone category based on the actual use of the property, provided that the actual use is a legal use in the City.

(c) "A-weighted sound level" shall mean the sound pressure level in decibels (dBAs) as measured with a sound level meter using the A-weighted filter network (scale) at slow response and at a pressure of twenty (20) micropascals. The A-weighted filter de-emphasizes the very low and a very high frequency component of sound in a manner similar to the response of the human ear, and is a numerical method of rating human judgment of loudness.

(d) "Decibel (dBA)" shall mean a unit for measuring the amplitude of a sound, equal to twenty (20) times the logarithm to the base ten (10) of the ratio of pressure of the sound measured to the reference pressure of twenty (20) micropascals.

(e) "Equivalent sound or noise level (Leq)" shall mean the International Electrotechnical Commission (IEC) 60804 Standard for measurement, or the most recent revision thereof, for the sound level corresponding to a steady state noise level over a given sample period with the same amount of acoustic energy as the actual time varying noise level or the energy average noise level during the sample period. The measurement period for the purposes of this chapter is fifteen (15) minutes.

(f) "Impulsive noise" shall mean a noise of short duration usually less than one (1) second and of high intensity, with an abrupt onset and rapid decay. Such objectionable noises may also be repetitive.

(g) "Intrusive noise" shall mean that noise that intrudes over and above the ambient noise at a given location. The relative intrusiveness of a sound depends upon its amplitude, duration, frequency, time of occurrence and tonal information content, as well as the prevailing ambient noise level.

(h) "Maintenance" shall mean the upkeep, repair or preservation of existing property or structures.

(i) "Noise" shall mean any unwanted sound or sound that is undesirable because it interferes with speech and hearing, or is intense enough to damage hearing or is otherwise annoying.

(j) "Noise level (sound level)" shall mean the weighted sound pressure level obtained by use of a sound level meter having a standard frequency filter for attenuating part of the sound spectrum. For purposes of this chapter, all noise levels (sound levels) shall be A-weighted sound pressure level.

(k) "Noise (sound) level meter" shall mean an instrument, including a microphone, an amplifier, an output meter and frequency weighting networks for the measurement and determination of noise and sound levels. For the purposes of this chapter, the sound level meter must meet the International Electrotechnical Commission (IEC) 60651 and 60804 Standards, or the most recent revisions thereof, for Type 1 sound level meters or an instrument and the associated recording and analyzing equipment that will provide equivalent data.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.03. Designated noise zones.

The properties hereinafter described shall be assigned to the following noise zones:

Noise Zone I:	All single-family residential properties;
Noise Zone II:	All multi-family residential properties and mobile home parks;
Noise Zone III:	All commercial property;
Noise Zone IV:	The residential portion of mixed use properties;
Noise Zone V:	All manufacturing or industrial properties and all other uses.

The actual use of the property, and not necessarily its zoning designation, shall be the determining factor in establishing whether a property is in Noise Zone I, II, III, IV or V, provided that the actual use is a legal use within the applicable zone.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.04. Exterior noise standards.

(a) The following exterior noise standards, unless otherwise specifically indicated, shall apply to all properties within a designated noise zone.

Allowable Exterior Noise Level (1)		***Allowed Equivalent Noise Level, Leq. (2)***	
Noise Zone	***Type of Land Use***	***7 a.m. to 10 p.m.***	***10 p.m. to 7 a.m.***
I	Single-Family Residential	65 dBA	45 dBA
II	Multi-Family Residential, Mobile Home Parks	65 dBA	50 dBA
III	Commercial Property	65 dBA	60 dBA
IV	Residential Portion of Mixed Use	70 dBA	70 dBA
V	Manufacturing and Industrial, Other Uses	70 dBA	70 dBA

(1) If the ambient noise level exceeds the resulting standard, the ambient noise level shall be the standard.

(2) Measurements for compliance are made on the affected property pursuant to § 5-29.15.

(b) It is unlawful for any person at any location within the incorporated area of the City to create noise, or to allow the creation of any noise on property owned, leased, occupied or otherwise controlled by such person, which noise causes the noise level, when measured at any location on any other property, to exceed either of the following:

(1) The noise standard for the applicable zone for any fifteen-minute (15) period; and

(2) A maximum instantaneous (single instance) noise level equal to the value of the noise standard plus twenty (20) dBA for any period of time (measured using A-weighted slow response).

(c) In the event the ambient noise level exceeds the noise standard, the maximum allowable noise level under such category shall be increased to reflect the maximum ambient noise level.

(d) The Noise Zone IV standard shall apply to that portion of residential property falling within one hundred (100) feet of a commercial property or use, if the noise originates from that commercial property or use.

(e) If the measurement location is on a boundary between two (2) different noise zones, the lower noise level standard applicable to the noise zone shall apply.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.05. Interior noise standards.

(a) The following interior noise standards, unless otherwise specifically indicated, shall apply to all properties within a designated noise zone.

Allowable Interior Noise Level (1)		**Allowed Equivalent Noise Level, Leq.** (2)	
Noise Zone	***Type of Land Use***	***7 a.m. to 10 p.m.***	***10 p.m. to 7 a.m.***
I	Single-Family Residential	45 dBA	40 dBA
II	Multi-Family Residential, Mobile Home Parks	45 dBA	40 dBA
IV	Residential Portion of Mixed Use	45 dBA	40 dBA

(1) If the ambient noise level exceeds the resulting standard, the ambient noise level shall be the standard.

(2) Measurements for compliance are made on the affected property pursuant to § 5-29.15.

(b) It is unlawful for any person at any location within the incorporated area of the City to create noise, or to allow the creation of any noise on property owned, leased, occupied or otherwise controlled by such person, which noise causes the noise level, when measured at any location on any other property, to exceed either of the following:

(1) The noise standard for the applicable zone for any fifteen-minute (15) period;

(2) A maximum instantaneous (single instance) noise level equal to the value of the noise standard plus twenty (20) dBA for any period of time (measured using A-weighted slow response).

(c) In the event the ambient noise level exceeds the noise standard, the maximum allowable noise level under such category shall be increased to reflect the maximum ambient noise level.

(d) The Noise Zone IV standard shall apply to that portion of residential property falling within one hundred (100) feet of a commercial property or use, if the noise originates from that commercial property or use.

(e) If the measurement location is on a boundary between two (2) different noise zones, the lower noise level standard applicable to the noise zone shall apply.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.06. Exemptions.

The following activities shall be exempted from the provisions of this chapter:

(a) Any activity conducted on public property, or on private property with the consent of the owner, by any public entity or its officers, employees, representatives, agents, subcontractors, permittees, licensees or lessees that the public entity has authorized are exempt from the provisions of this chapter. This includes, without limitation, sporting and recreational activities that are sponsored, co-sponsored, permitted or allowed by the City or any school district within the City's jurisdictional boundaries. This also includes, without limitation, occasional outdoor gatherings, public dances, shows or sporting and entertainment events, provided such events are conducted pursuant to an approval, authorization, contract, lease, permit or sublease by the appropriate public entity, specifically the planning commission or City Council;

(b) Occasional outdoor gatherings, public dances, show, sporting and entertainment events, provided said events are conducted pursuant to a permit or license issued by the appropriate jurisdiction relative to the staging of said events;

(c) Any mechanical device, apparatus or equipment used, related to or connected with emergency machinery, vehicle, work or warning alarm or bell, provided the sounding of any bell or alarm on any building or motor vehicle shall terminate its operation within forty-five (45) minutes in any hour of its being activated;

(d) Noise sources associated with construction, repair, remodeling, demolition or grading of any real property. Such activities shall instead be subject to the provisions of § 5-29.09;

(e) Noise sources associated with construction, repair, remodeling, demolition or grading of public rights-of-way or during authorized seismic surveys;

(f) All mechanical devices, apparatus or equipment associated with agriculture operations provided that:

(1) Operations do not take place between 8:00 p.m. and 7:00 a.m.;

(2) Such operations and equipment are utilized for the protection or salvage of agricultural crops during periods of potential or actual frost damage or other adverse weather conditions; or

(3) Such operations and equipment are associated with agricultural pest control through pesticide application, provided the application is made in accordance with permits issued by or regulations enforced by the California Department of Agriculture;

(g) Noise sources associated with the maintenance of real property. Such activities shall instead be subject to the provisions of § 5-29.08;

(h) Any activity to the extent regulation thereof has been preempted by state or federal law;

(i) Any noise sources associated with people and/or music associated with a party at a residential property. Such noise shall be subject to the provisions of OMC § 5-29.07;

(j) Any noise source emanating from an ice cream truck within the City. Such noise shall be subject to the provisions of OMC § 4-18.04;

(k) Any noise sources associated with barking dogs or other intermittent noises made by animals on any properly within the City. Such noise shall be subject to the provisions of OMC Chapter 1, Title 6;

(l) Noise sources related to uses approved by a permit or development agreement adopted prior to the date of adoption of this chapter and that contains acoustic or noise standard conditions of approval. This exemption shall only be applicable during the effective period of the City-approved permit or development agreement.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.07. Loud and disturbing noise.

(a) It is unlawful for any person or property owner within the City to make, cause or allow to be made any loud, excessive, impulsive or intrusive noise, disturbance or commotion that disturbs the peace or quiet of any area or that causes discomfort or annoyance to any reasonable person of normal sensitivities in the area, after a Police or Code Enforcement Officer has first requested that the person or property owner cease and desist from making such noise. The types of loud, disturbing, excessive, impulsive or intrusive noise may include, but shall not be limited to, yelling, shouting, hooting, whistling, singing, playing a musical instrument, or emitting or transmitting any loud music or noise from any mechanical or electrical sound making or sound-amplifying device.

(b) The factors, standards, and conditions that may be considered in determining whether a violation of the provisions of this section has been committed, included, but not limited to, the following:

(1) The level of the noise;

(2) The level and intensity of the background (ambient) noise, if any;

(3) The proximity of the noise to residential or commercial sleeping areas;

(4) The nature and zoning of the area within which the noise emanates;

(5) The density of inhabitation of the area within which the noise emanates;

(6) The time of day and night the noise occurs;

(7) The duration of the noise;

(8) Whether the noise is constant, recurrent or intermittent;

(9) Whether the noise is produced by a commercial or noncommercial activity; and

(10) Whether the use is lawful under the provisions of Title 5 of this Code and whether the noise is one that could reasonably be expected from the activity or allowed use.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.08. Real property maintenance noise regulations.

(a) No person, while engaged in maintenance of real property, shall operate any tool, equipment or machine in a manner that produces loud noise that disturbs a person of normal sensitivity who works or resides in the vicinity, or a Police or Code Enforcement Officer, except between the hours of 8:00 a.m. and 6:00 p.m.

(b) Trimming or pruning that requires the use of chainsaws or mulching machines shall only be allowed between the hours of 8:00 a.m. and 6:00 p.m. on a weekday and between the hours of 9:00 a.m. and 5:00 p.m. on Saturday or Sunday.

(c) The use of electrical or gasoline powered blowers, such as commonly used by gardeners or other persons for cleaning lawns, yards, driveways, gutters and other property shall only be allowed between the hours of 8:00 a.m. and 6:00 p.m. on a weekday and between the hours of 9:00 a.m. and 5:00 p.m. on Saturday or Sunday.

(d) No landowner, gardener, property maintenance service, contractor, subcontractor or employer shall permit or allow any person or persons working under his or her direction or control to operate any tool, equipment or machine in violation of the provisions of this section.

(e) Exceptions. The provisions of this section shall not apply to the following:

(1) Emergency property maintenance required by the building official;

(2) The maintenance, repair or improvement of any public work or facility by public employees, by any person or persons acting pursuant to a public works contract, or by any person or persons performing such work or pursuant to the direction of, or on behalf of, any public agency; provided, however, this exception shall not apply to the City, or its employees, contractors or agents, unless:

(i) The City Manager or department head determines that the maintenance, repair or improvement is immediately necessary to maintain public service,

(ii) The maintenance, repair or improvement is of a nature that cannot feasibly be conducted during normal business hours, or

(iii) The City Council has approved project specifications, contract provisions, or an environmental document that specifically authorizes maintenance during hours of the day that would otherwise be prohibited pursuant to this section; and

(3) Any maintenance that complies with the noise limits specified in § 5-29.04.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.09. Construction activity noise regulations.

(a) No person, while engaged in construction, remodeling, digging, grading, demolition or any other related building activity, shall operate any tool, equipment or machine in a manner that produces loud noise that disturbs a person of normal sensitivity who works or resides in the vicinity, or a Police or Code Enforcement Officer, on any weekday except between the hours of 7:00 a.m. and 6:00 p.m. or on Saturday or Sunday between the hours of 9:00 a.m. and 6:00 p.m.

(b) No landowner, construction company owner, contractor, subcontractor, or employer shall permit or allow any person or persons working under their direction and control to operate any tool, equipment or machine in violation of the provisions of this section.

(c) Exceptions.

(1) The provisions of this section shall not apply to emergency construction work performed by a private party when authorized by the City Manager or his or her designee;

(2) The maintenance, repair or improvement of any public work or facility by public employees, by any person or persons acting pursuant to a public works contract, or by any person or persons performing such work or pursuant to the direction of, or on behalf of, any public agency; provided, however, this exception shall not apply to the City, or its employees, contractors or agents, unless:

(i) The City Manager or a department head determines that the maintenance, repair or improvement is immediately necessary to maintain public services,

(ii) The maintenance, repair or improvement is of a nature that cannot feasibly be conducted during normal business hours, or

(iii) The City Council has approved project specifications, contract provisions, or an environmental document that specifically authorizes construction during hours of the day that would otherwise be prohibited pursuant to this section; and

(3) Any construction that complies with the noise limits specified in §§ 5-29.04 or 5-29.05.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.10. Other public agency exceptions.

The provisions of this chapter shall not be construed to prohibit any work at different hours by or under the direction of any other public agency or public or private utility companies in cases of necessity or emergency.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.11. Schools, day care centers, churches, libraries, museums, health care institutions; Special provisions.

It is unlawful for any person to create any noise that causes the outdoor noise level at any school, day care center, hospital or similar health care institution, church, library or museum while the same is in use, to exceed the noise standards specified in § 5-29.04 prescribed for the assigned Noise Zone I.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.12. Sound amplifying equipment.

Loudspeakers, sound amplifiers, public address systems or similar devices used to amplify sounds shall be subject to the provisions of § 5-29.13. Such sound amplifying equipment shall not be construed to include electronic devices, including but not limited to, radios, tape players, tape recorders, compact disc players, MP3 players, electric keyboards, music synthesizers, record players or televisions, which are designed and operated for personal use, or used entirely within a building and are not designed or used to convey the human voice, music or any other sound to an audience outside such building, or which are used in vehicles and heard only by occupants of the vehicle in which installed.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.13. Amplified sound.

(a) The City Council enacts the following legislation for the sole purpose of securing and promoting the public health, comfort, safety and welfare for its citizenry. While recognizing that the use of sound amplifying equipment may be entitled to certain protection by the constitutional rights of freedom of speech and assembly, the City Council finds that in order to protect the public safety and the correlative rights of the citizens of this community to privacy and freedom from public nuisance of loud and unnecessary noise, reasonable regulation of the time, place and manner of the use of amplifying equipment is necessary. In no event shall approval or authorization required herein be withheld by reason of the constitutionally protected content of any material proposed to be broadcast through amplifying equipment.

(b) It is unlawful for any person, other than personnel of law enforcement or governmental agencies, to install, use or operate a loudspeaker or sound amplifying device in a fixed or movable position or mounted upon any vehicle within the City for the purpose of giving instructions, directions, talks, addresses or lectures to any persons or assemblages of persons in or upon any street, alley, sidewalk, park, place or public property without a permit to do so from the Police Chief or his or her designee. Notwithstanding any other provision of this chapter, the provisions of this section shall also apply to the use of sound amplifying equipment upon public or private property when used in connection with outdoor or indoor public or private events, whether or not admission is charged or food or beverages are sold, when such activity is to be attended by more than one hundred (100) persons and the noise emanating from the event will be audible at the property plane, or in the case of a street dance or concert on the nearest residential property. Those activities listed in § 5-29.06(a) are exempt from the requirements of this section.

(c) The Police Chief or his or her designee is authorized to approve and issue permits under this section.

(d) An application for a permit required by this section shall be filed with the Police Chief at least sixteen (16) days and no more than one hundred twenty (120) days prior to the date on which the sound amplifying equipment is intended to be used. Applications for events covered by the First Amendment of the United States Constitution are exempt from the time requirements of this section if it is shown that circumstances require a shorter filing period and the event will not constitute an unsafe condition. The application shall contain the following information:

(1) The name, address and telephone number of both the owner and the user of the sound amplifying equipment;

(2) The license number, if a sound truck is to be used;

(3) A general description of the sound amplifying equipment which is to be used;

(4) Whether sound amplifying equipment will be used for commercial or noncommercial purpose;

(5) The dates and times upon and within which, and the streets or property over or upon which, the equipment is proposed to be operated;

(6) The name or names of one (1) or more persons who will be present during the conduct of any activities for which registration is sought and who will have authority to reduce the volume of any sound amplifying equipment during the course of the activities if required pursuant to this chapter and, otherwise, to insure compliance with the provisions of this chapter;

(7) A statement by the applicant that he or she is willing and able to comply with the provisions of this chapter and the conditions of the permit; and

(8) A sketch of the area or facilities within which the activities are to be conducted, with approximate dimensions and illustration of the location and orientation of all sound-amplifying equipment.

(e) The Police Chief shall deny the permit application or revoke any permit if the chief finds any of the following:

(1) The application contains materially false or intentionally misleading information;

(2) The use of sound amplifying equipment at an event or activity proposed will be located in or upon a premises, building or structure that is hazardous to the health or safety of the employees or patrons of the premises, business, activity, or event, or the general public, under the standards established by the Uniform Building or Fire Codes, or other applicable codes, as set forth in OMC Titles 4 and 8;

(3) The use of sound amplifying equipment at an event or activity proposed in or upon a premises, building or structure that lacks adequate on-site parking for participants attending the proposed event or activity under the applicable standards set forth in OMC Title 9;

(4) The conditions of any motor vehicle movement are such that, in his or her opinion, the use of the equipment would constitute an unreasonable interference with traffic safety;

(5) The conditions of pedestrian movement are such that the use of the equipment would constitute a detriment to traffic safety;

(6) The application submitted by the applicant reveals that the applicant would violate the provisions of this section or any other provision of federal, state and/or local law;

(7) The applicant is unwilling or unable to comply with the provisions of this chapter or any conditions imposed upon any permit issued;

(8) There had already been a permitted event at the intended location, or within a two hundred (200) yard radius of the intended location and the prior permitted event was located on residentially zoned property or on a street, alley, public parking lot or neighborhood park within three (3) months prior to the intended event. Community parks are exempt from this subsection (8); or

(9) The applicant or location has had previous violations within the past calendar year, and in the judgment of the Police Chief, issuance would be contrary to the intent of this section.

(f) In determining whether the use of the equipment would constitute an unreasonable interference with or detriment to traffic safety, the Police Chief shall consider, but shall not necessarily be limited to:

(1) The volumes, patterns and speed of vehicular and pedestrian traffic in the proposed area of use;

(2) The relationship of the proposed use of equipment and potential impacts upon traffic patterns;

(3) Availability of sufficient room for the operation of the equipment without significantly interfering with the traffic patterns;

(4) Proximity to schools, playgrounds and similar facilities where use of such equipment might attract children into traffic patterns; or

(5) Proximity to busy intersections or other potentially hazardous conditions where use of such equipment might constitute a hazard by reason of its tendency to distract drivers of vehicles or pedestrians.

(g) Issuance or denial.

(1) If the application is approved, the Police Chief shall return an approved copy of the application to the applicant and shall issue a permit. The permit shall constitute permission for the use of the sound amplifying equipment as requested.

(2) Any application filed shall be either approved or disapproved within five (5) days of the filing thereof.

(3) If the application is disapproved, the Police Chief shall return a disapproved copy forthwith to the applicant with a written statement on the reason for disapproval.

(i) Any person aggrieved by a decision of the Police Chief or his or her designee may file an appeal to the City Manager. A complete and proper appeal shall be filed with the City Clerk within ten (10) calendar days of the action that is the subject of the appeal. If the applicant fails to file an appeal within the ten (10) day filing period provided herein, denial shall take effect immediately upon expiration of such filing period. All appeals shall be in writing and shall contain the following information: (a) name(s) of the person filing the appeal, (b) a brief statement in ordinary and concise language of the relief sought, and (c) the signatures of all parties named as appellants and their mailing addresses. After receiving the appeal, the City Clerk shall immediately forward the matter to the City Manager for handling.

(ii) The City Manager shall, upon receipt of the appeal, set the matter for hearing before the City Manager or a hearing officer. Any hearing officer shall be a licensed attorney or recognized mediator designated by the City Manager. The hearing shall be set for not more than ten (10) calendar days after the receipt of the appeal unless a longer time is requested or consented to by the appellant. Notice of such hearing shall be given in writing and mailed at least five (5) calendar days prior to the date of the hearing, by U.S. mail, with a proof of service attached, addressed to the address listed on the permit application, or the written appeal if different from the permit application. The notice shall state the grounds of the complaint or reason for the denial and shall state the time and place where such hearing will be held.

(iii) The City Manager or hearing officer shall, within ten (10) calendar days following the conclusion of the hearing, make a written finding and decision, which shall be delivered to the City and the appellant by first class mail. Notwithstanding any provision in this Code, the decision of the City Manager or hearing officer shall be the final administrative decision of the City. Any party dissatisfied with the decision of the City Manager or hearing officer may seek review of such decision under the provisions of Code Civil Procedure, §§ 1094.5 and 1094.8, as amended from time to time.

(h) In addition to any other provisions of this Code, the use of sound-amplifying equipment and sound trucks in the City shall be subject to the following regulations:

(1) The only sounds permitted are music and human speech;

(2) Sound shall not be emitted within one hundred (100) yards of hospitals, churches, schools and City Hall;

(3) The volume of sound shall be controlled so that it will not be audible for a distance in excess of one hundred (100) feet from the sound amplifying equipment or sound truck, and so that the volume is not unreasonably loud, raucous, jarring, disturbing or a nuisance to persons within the range of allowed audibility; or

(4) The sound amplifying equipment or sound truck shall not be used between the hours of 8:00 p.m. and 8:00 a.m.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.14. Motor vehicles.

The use of any motor vehicle in such a condition as to create excessive, impulsive or intrusive noises is prohibited. The discharge into the open air of the exhaust of any internal combustion engine, stationary or mounted on wheels, motorboat or motor vehicle, including motor cycle, whether or not discharged through a muffler or other similar device, which discharge creates excessive, unusual, impulsive or intrusive noise is prohibited. Motor vehicles shall comply with the noise regulations of the California Vehicle Code.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.15. Noise level measurement.

(a) The location selected for measuring exterior noise levels in a residential area shall be at any part of a private yard, patio, deck or balcony normally used for human activity and identified by the owner or, if occupied by someone other than the owner, the occupant of the affected property as suspected of exceeding the noise level standard. This location may be the closest point in the private yard or patio, or on the deck or balcony, to the noise source, but should not be located in nonhuman activity areas such as trash container storage areas, planter beds, above or contacting a property line fence, or other areas not normally used as part of the yard, patio, deck or balcony. The location selected for measuring exterior noise levels in a nonresidential area shall be at the closest point to the noise source. The measurement microphone height shall be five (5) feet above finish elevation or, in the case of a deck or balcony, the measurement microphone height shall be five (5) feet above the finished floor level.

(b) The location selected for measuring interior noise levels shall be made within the affected residential unit. The measurements shall be made at a point at least four (4) feet from the wall, ceiling or floor, or within the frame of a window opening, nearest the noise source. The measurements shall be made with windows in an open position.

(c) Any decibel measurement made pursuant to the provisions of this chapter shall be measured in decibels (dBAs) as measured with a sound level meter using the A-weighted sound pressure level.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.16. Prima facie violation.

Any noise exceeding the noise level standard as specified in §§ 5-29.04 and 5-29.05, shall be deemed to be prima facie evidence of a violation of the provisions of this chapter.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.17. Penalty.

(a) Any person who negligently or knowingly violates any provision of this chapter shall be guilty of an infraction and upon conviction shall be punishable by a fine specified in OMC § 1-2.01. Each day a violation occurs shall constitute a separate offense and shall be punishable as such.

(b) Any person who negligently or knowingly violates any provision of this chapter may also be subject to fine(s) specified in the administrative citation schedule of fines set forth in OMC § 1-5.04. The manner of issuing administrative citations shall comply with all the procedures specified in OMC Chapter 5, Title 1.

(c) As an additional remedy, the operation or maintenance of any device, instrument, vehicle or machinery in violation of any provisions of this chapter, which operation or maintenance causes or creates sound levels exceeding the allowable standards as specified in this chapter, shall be deemed and is declared to be a public nuisance and may be subject to abatement by a restraining order or injunction issued by a court of competent jurisdiction.

(d) Any violation of this chapter is declared to be a public nuisance and may be abated in accordance with law. The expense of enforcing this chapter is declared to be public nuisance and may be by resolution of the City Council declared to be a lien and special assessment against the property on which such nuisance is maintained, and any such charge shall also be a personal obligation of the property owner.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.18. Enforcement and administration.

(a) It shall be the responsibility of Police or Code Enforcement Officers to enforce the provisions of this chapter and to perform all other functions required by this chapter. Such duties shall include, but not be limited to investigating potential violations, issuing warning notices and citations, and providing evidence to the City prosecutor for legal action.

(b) For violations of § 5-29.07, Police or Code Enforcement Officers shall obtain a declaration under penalty of perjury from two (2) declarants living in separate households within a sixty (60) day period stating in detail all of the following:

(1) That the declarant is a resident of a residential neighborhood located within two hundred (200) yards of the noise source; and

(2) Within the past month declarant has heard noise for substantially long periods to the extreme annoyance of the declarant.

(3) Declarations from two (2) declarants are required to prove a violation of § 5-29.07, but are not required to prove that a person has violated any other provision of this chapter.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.19. City Manager waiver.

The City Manager is authorized to grant a temporary waiver to the provisions of this chapter for a period of time necessary to correct the violations of this chapter, if such temporary waiver would be in the public interest and there is no feasible and prudent alternative to the activity, or the method of conducting the activity, for which the temporary waiver is sought. This time period may include a commitment to a program that includes placing necessary orders and entering into necessary contracts within thirty (30) days for repair or installation.

(§ 2, Ord. 2888, eff. March 6, 2008)

Sec. 5-29.20. Noise abatement program.

(a) In circumstances where adopted community-wide noise standards and policies prove impractical in controlling noise generated from a specific source, the City Council may establish a noise abatement program that recognizes the characteristics of the noise source and affected property and that incorporates specialized mitigation measures.

(b) Noise abatement programs shall set forth in detail the approved terms, conditions and requirements for achieving maximum compliance with noise standards and policies. Said terms, conditions and requirements may include, but shall not be limited to, limitations, restrictions, or prohibitions on operating hours, location of operations, and the types of equipment.

(§ 2, Ord. 2888, eff. March 6, 2008)

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APPENDIX 5.1:

STUDY AREA PHOTOS

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15067 L1 A 1.North
34, 2' 7.500000"117, 37' 58.670000"

15067 L1 A 2.South
34, 2' 7.240000"117, 37' 58.590000"

15067 L1 A 3.East
34, 2' 7.220000"117, 37' 58.540000"

15067 L1 A 4.West
34, 2' 7.140000"117, 37' 58.540000"

15067 L2 F 1.North
34, 2' 4.690000"117, 37' 51.780000"

15067 L2 F 2.South
34, 2' 4.750000"117, 37' 51.640000"

15067 L2 F 3.East
34, 2' 4.710000"117, 37' 51.670000"

15067 L2 F 4.West
34, 2' 4.750000"117, 37' 51.750000"

15067 L3 O 1.North
34, 2' 1.980000"117, 37' 39.370000"

15067 L3 O 2.South
34, 2' 2.020000"117, 37' 39.310000"

15067 L3 O 3.East
34, 2' 2.020000"117, 37' 39.310000"

15067 L3 O 4.West
34, 2' 2.000000"117, 37' 39.340000"

15067 L4 H 1.North
34, 2' 1.580000"117, 37' 52.470000"

15067 L4 H 2.South
34, 2' 1.170000"117, 37' 52.270000"

15067 L4 H 3.East
34, 2' 1.180000"117, 37' 52.330000"

15067 L4 H 4.West
34, 2' 1.140000"117, 37' 52.330000"

15067 L5 P 1.North
34, 2' 11.340000"117, 38' 13.810000"

15067 L5 P 2.South
34, 2' 11.300000"117, 38' 13.810000"

15067 L5 P 3.East
34, 2' 11.270000"117, 38' 13.670000"

15067 L5 P 4.West
34, 2' 11.300000"117, 38' 13.750000"

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APPENDIX 5.2:

NOISE LEVEL MEASUREMENT WORKSHEETS

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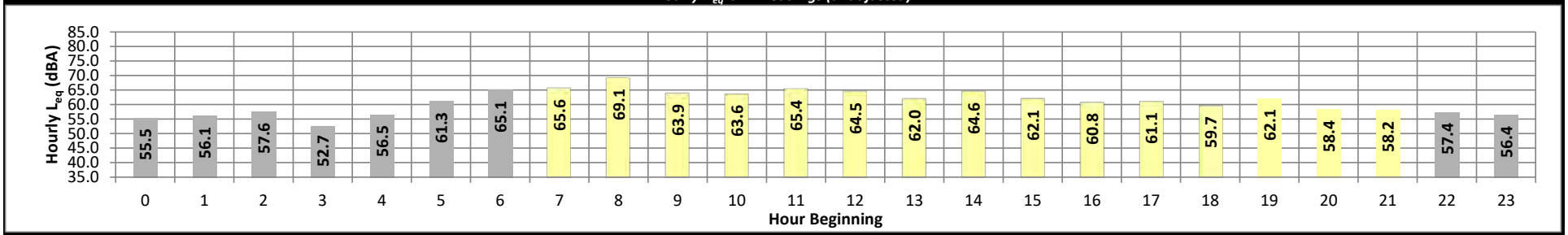
24-Hour Noise Level Measurement Summary

Date: Thursday, May 4, 2023 | *Location:* L1 - Located Southwest of the site near the residence at 2120 | *Meter:* Piccolo II | *JN:* 15067

Project: 2042 S. Grove St. | *Source:* S. Cucamonga Ave. | *Analyst:* Z. Ibrahim

Hourly L_{eq} dBA Readings (unadjusted)



Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%	L_{eq}	Adj.	Adj. L_{eq}
Night	0	55.5	64.4	45.8	64.0	63.6	62.4	61.3	55.1	51.0	46.7	46.3	45.9	55.5	10.0	65.5
	1	56.1	63.8	42.4	63.6	63.1	62.2	61.5	57.5	52.4	43.8	43.2	42.5	56.1	10.0	66.1
	2	57.6	64.7	42.7	64.5	64.2	63.4	62.7	59.1	54.7	44.8	43.6	42.9	57.6	10.0	67.6
	3	52.7	59.4	49.2	59.1	58.7	57.5	56.3	52.4	51.3	49.9	49.7	49.3	52.7	10.0	62.7
	4	56.5	67.4	48.9	67.0	66.3	64.3	62.3	52.7	50.2	49.2	49.1	48.9	56.5	10.0	66.5
	5	61.3	71.3	51.4	71.0	70.5	68.6	66.8	60.3	55.7	52.3	51.9	51.6	61.3	10.0	71.3
	6	65.1	74.9	54.9	74.5	73.9	72.0	70.3	65.1	59.9	55.7	55.4	55.0	65.1	10.0	75.1
Day	7	65.6	73.8	56.1	73.5	73.2	71.7	70.4	66.4	62.3	57.5	56.9	56.3	65.6	0.0	65.6
	8	69.1	81.4	53.4	80.4	79.1	77.3	75.2	65.9	60.5	55.0	54.3	53.6	69.1	0.0	69.1
	9	63.9	75.3	48.8	74.4	73.4	71.3	69.4	63.0	57.6	52.1	50.6	49.2	63.9	0.0	63.9
	10	63.6	74.1	49.9	73.4	72.8	70.8	69.3	62.9	56.7	51.4	50.8	50.1	63.6	0.0	63.6
	11	65.4	74.1	55.0	73.7	73.4	72.2	70.9	65.7	60.9	56.0	55.5	55.1	65.4	0.0	65.4
	12	64.5	73.8	50.6	73.5	73.2	71.7	70.2	64.8	58.5	52.1	51.4	50.8	64.5	0.0	64.5
	13	62.0	71.4	50.1	71.1	70.7	69.7	68.0	61.5	56.3	51.2	50.7	50.3	62.0	0.0	62.0
	14	64.6	77.0	50.5	75.8	74.5	71.7	69.4	63.2	57.6	51.8	51.0	50.6	64.6	0.0	64.6
	15	62.1	71.5	51.0	71.2	70.8	69.5	67.8	61.9	56.5	52.4	52.0	51.1	62.1	0.0	62.1
	16	60.8	70.4	51.6	70.1	69.8	68.3	66.4	59.8	54.5	52.1	51.9	51.7	60.8	0.0	60.8
	17	61.1	70.9	53.5	70.6	70.2	68.1	65.9	60.3	56.5	54.0	53.8	53.6	61.1	0.0	61.1
	18	59.7	68.6	54.3	68.3	68.0	66.6	64.6	58.2	55.9	54.8	54.6	54.4	59.7	0.0	59.7
	19	62.1	71.5	54.2	71.1	70.7	68.7	66.8	62.3	57.3	54.7	54.5	54.3	62.1	5.0	67.1
	20	58.4	67.2	52.8	66.8	66.4	65.0	63.7	57.5	54.5	53.3	53.1	52.9	58.4	5.0	63.4
	21	58.2	66.7	52.8	66.4	66.2	64.7	62.9	57.1	54.9	53.4	53.2	52.9	58.2	5.0	63.2
Night	22	57.4	64.3	51.4	64.0	63.7	62.9	62.2	57.8	55.1	52.2	51.8	51.5	57.4	10.0	67.4
	23	56.4	64.7	49.7	64.4	64.1	62.8	60.8	56.9	52.9	50.2	50.0	49.8	56.4	10.0	66.4

Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%
Day	Min	58.2	66.7	48.8	66.4	66.2	64.7	62.9	57.1	54.5	51.2	50.6	49.2
	Max	69.1	81.4	56.1	80.4	79.1	77.3	75.2	66.4	62.3	57.5	56.9	56.3
Energy Average		63.7	Average:		72.0	71.5	69.8	68.1	62.0	57.4	53.4	53.0	52.4
Night	Min	52.7	59.4	42.4	59.1	58.7	57.5	56.3	52.4	50.2	43.8	43.2	42.5
	Max	65.1	74.9	54.9	74.5	73.9	72.0	70.3	65.1	59.9	55.7	55.4	55.0
Energy Average		59.2	Average:		65.8	65.4	64.0	62.7	57.4	53.7	49.4	49.0	48.6

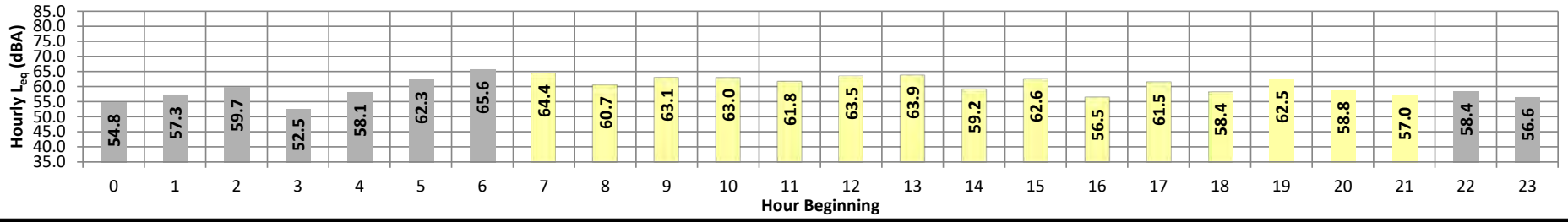
24-Hour CNEL	*Leq (dBA) Daytime (7am-10pm)*	*Leq (dBA) Nighttime (10pm-7am)*
66.9	**63.7**	**59.2**

24-Hour Noise Level Measurement Summary

Date: Thursday, May 4, 2023 *Location:* L2 - Located south of the site near the residence at 1147 E *Meter:* Piccolo II *JN:* 15067

Project: 2042 S. Grove St. *Source:* Philadelphia St. *Analyst:* Z. Ibrahim

Hourly L_{eq} dBA Readings (unadjusted)



Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%	L_{eq}	Adj.	Adj. L_{eq}
Night	0	54.8	63.1	48.0	62.7	62.3	61.4	60.4	55.3	50.1	48.7	48.5	48.1	54.8	10.0	64.8
	1	57.3	65.8	43.6	65.5	65.4	63.9	63.4	56.6	48.6	44.3	44.0	43.7	57.3	10.0	67.3
	2	59.7	67.0	44.9	66.7	66.1	65.0	64.2	61.7	57.3	46.9	46.1	45.0	59.7	10.0	69.7
	3	52.5	58.6	49.6	58.3	57.9	56.1	55.6	52.4	51.5	50.3	50.0	49.7	52.5	10.0	62.5
	4	58.1	61.6	55.8	61.2	61.0	60.5	60.0	58.7	57.6	56.5	56.3	56.0	58.1	10.0	68.1
	5	62.3	66.1	59.9	65.7	65.4	64.8	64.4	62.9	61.7	60.6	60.4	60.1	62.3	10.0	72.3
	6	65.6	72.6	62.5	71.9	71.4	70.0	69.1	65.6	63.9	63.1	62.9	62.7	65.6	10.0	75.6
Day	7	64.4	72.0	57.7	71.6	71.0	70.0	69.3	65.2	61.1	58.4	58.2	57.9	64.4	0.0	64.4
	8	60.7	68.7	54.4	68.0	67.3	65.9	64.9	61.2	58.0	55.2	54.9	54.6	60.7	0.0	60.7
	9	63.1	76.3	49.9	74.0	72.5	70.0	68.2	61.9	56.8	51.4	50.7	50.1	63.1	0.0	63.1
	10	63.0	70.1	58.2	69.6	68.8	67.4	66.5	63.7	61.5	59.2	59.1	58.4	63.0	0.0	63.0
	11	61.8	70.4	53.6	70.0	69.4	68.1	66.9	61.6	57.9	54.5	54.2	53.7	61.8	0.0	61.8
	12	63.5	71.5	55.7	71.0	70.5	69.1	68.4	64.3	60.3	56.8	56.4	55.9	63.5	0.0	63.5
	13	63.9	73.0	54.9	72.4	71.4	69.5	68.7	64.5	60.2	56.1	55.6	55.1	63.9	0.0	63.9
	14	59.2	66.1	53.7	65.8	65.4	64.7	63.9	59.6	56.7	54.3	54.1	53.8	59.2	0.0	59.2
	15	62.6	75.4	53.6	74.0	73.0	68.6	65.7	60.8	58.3	54.3	54.0	53.7	62.6	0.0	62.6
	16	56.5	63.6	54.0	63.2	62.4	60.0	58.5	56.4	55.6	54.5	54.3	54.1	56.5	0.0	56.5
	17	61.5	71.1	56.2	70.5	69.9	67.8	66.0	60.2	58.3	56.6	56.4	56.2	61.5	0.0	61.5
	18	58.4	62.0	56.0	61.8	61.7	61.2	60.9	58.8	57.5	56.5	56.3	56.1	58.4	0.0	58.4
	19	62.5	69.3	56.1	69.0	68.7	68.0	67.5	63.8	58.9	56.6	56.4	56.1	62.5	5.0	67.5
	20	58.8	64.5	54.9	64.2	64.0	63.2	62.5	59.5	56.7	55.4	55.2	55.0	58.8	5.0	63.8
	21	57.0	60.4	54.5	60.2	60.0	59.4	59.1	57.7	56.5	55.1	54.9	54.5	57.0	5.0	62.0
Night	22	58.4	64.4	53.3	64.0	63.5	63.0	62.6	59.6	56.1	54.0	53.7	53.4	58.4	10.0	68.4
	23	56.6	63.1	51.6	62.6	62.2	61.5	60.8	56.7	54.8	52.5	52.1	51.7	56.6	10.0	66.6

Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%
Day	Min	56.5	60.4	49.9	60.2	60.0	59.4	58.5	56.4	55.6	51.4	50.7	50.1
	Max	64.4	76.3	58.2	74.0	73.0	70.0	69.3	65.2	61.5	59.2	59.1	58.4
Energy Average		61.8	Average:		68.3	67.7	66.2	65.1	61.3	58.3	55.7	55.4	55.0
Night	Min	52.5	58.6	43.6	58.3	57.9	56.1	55.6	52.4	48.6	44.3	44.0	43.7
	Max	65.6	72.6	62.5	71.9	71.4	70.0	69.1	65.6	63.9	63.1	62.9	62.7
Energy Average		60.0	Average:		64.3	63.9	62.9	62.3	58.8	55.7	53.0	52.7	52.3

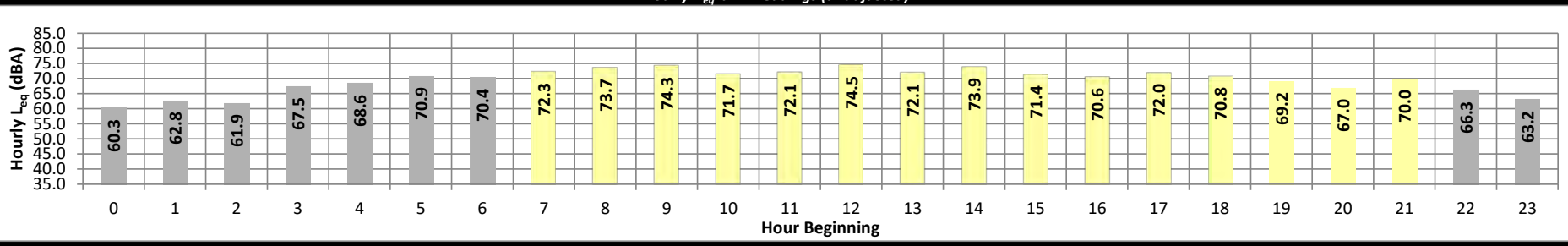
24-Hour CNEL	*Leq (dBA) Daytime (7am-10pm)*	*Leq (dBA) Nighttime (10pm-7am)*
67.0	**61.8**	**60.0**

24-Hour Noise Level Measurement Summary

Date: Thursday, May 4, 2023 *Location:* L3 - Located southeast of the site near the residence at 1456 E *Meter:* Piccolo II *JN:* 15067

Project: 2042 S. Grove St. *Source:* Philadelphia St. *Analyst:* Z. Ibrahim

Hourly L_{eq} dBA Readings (unadjusted)



Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%	L_{eq}	Adj.	Adj. L_{eq}
Night	0	60.3	69.5	52.3	69.2	68.8	66.7	64.8	60.2	56.3	53.1	52.7	52.4	60.3	10.0	70.3
	1	62.8	73.4	49.3	73.0	72.4	70.1	67.9	61.9	56.4	50.5	49.8	49.4	62.8	10.0	72.8
	2	61.9	70.9	50.8	70.5	69.9	68.3	66.8	62.5	58.1	52.4	51.7	51.0	61.9	10.0	71.9
	3	67.5	79.9	55.0	79.4	79.1	75.5	71.8	63.1	59.4	56.1	55.5	55.1	67.5	10.0	77.5
	4	68.6	77.4	57.9	77.1	76.6	74.8	73.3	69.3	64.4	59.3	58.7	58.0	68.6	10.0	78.6
	5	70.9	78.6	61.3	78.3	78.0	76.6	75.6	71.8	68.0	62.6	61.9	61.4	70.9	10.0	80.9
	6	70.4	78.2	61.7	78.0	77.6	75.9	74.7	71.3	67.7	63.2	62.4	61.8	70.4	10.0	80.4
Day	7	72.3	80.0	63.8	79.7	79.1	77.7	76.5	73.3	70.0	65.4	64.5	63.9	72.3	0.0	72.3
	8	73.7	82.2	64.4	81.8	81.2	79.3	77.8	74.4	71.0	66.1	65.2	64.5	73.7	0.0	73.7
	9	74.3	85.5	62.3	84.9	84.0	81.2	78.9	73.6	69.3	64.3	63.3	62.4	74.3	0.0	74.3
	10	71.7	79.9	63.6	79.5	78.9	77.1	76.0	72.3	69.3	65.1	64.4	63.7	71.7	0.0	71.7
	11	72.1	82.5	62.6	81.8	80.9	77.9	76.1	72.2	68.8	64.4	63.6	62.8	72.1	0.0	72.1
	12	74.5	81.6	65.5	81.3	80.9	79.6	78.6	75.6	72.7	67.7	66.5	65.6	74.5	0.0	74.5
	13	72.1	81.4	62.4	80.9	80.1	77.9	76.6	72.4	69.1	64.2	63.4	62.5	72.1	0.0	72.1
	14	73.9	86.8	62.3	86.0	84.6	80.4	77.4	71.9	68.4	63.9	63.1	62.5	73.9	0.0	73.9
	15	71.4	81.9	62.5	80.9	79.1	76.5	75.0	71.7	68.8	64.2	63.4	62.6	71.4	0.0	71.4
	16	70.6	78.6	62.2	78.2	77.7	75.8	74.4	71.4	68.5	64.2	63.2	62.4	70.6	0.0	70.6
	17	72.0	82.0	62.5	81.6	81.1	79.1	76.4	71.4	68.4	63.8	63.2	62.6	72.0	0.0	72.0
	18	70.8	81.7	61.9	81.1	80.1	77.0	75.4	70.2	66.8	63.1	62.5	62.0	70.8	0.0	70.8
	19	69.2	78.4	61.7	78.1	77.6	75.4	73.6	69.0	66.0	62.6	62.2	61.8	69.2	5.0	74.2
	20	67.0	75.7	60.4	75.1	74.5	72.4	71.0	67.4	64.3	61.2	60.8	60.5	67.0	5.0	72.0
	21	70.0	82.3	60.0	81.6	80.6	77.7	74.7	66.9	63.7	60.8	60.5	60.1	70.0	5.0	75.0
Night	22	66.3	76.7	58.5	76.5	75.7	73.1	70.4	65.4	62.4	59.2	58.9	58.6	66.3	10.0	76.3
	23	63.2	71.3	56.8	71.1	70.6	69.0	67.5	63.3	60.6	57.6	57.2	56.9	63.2	10.0	73.2

Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%
Day	Min	67.0	75.7	60.0	75.1	74.5	72.4	71.0	66.9	63.7	60.8	60.5	60.1
	Max	74.5	86.8	65.5	86.0	84.6	81.2	78.9	75.6	72.7	67.7	66.5	65.6
Energy Average		72.1	Average:		80.8	80.0	77.7	75.9	71.6	68.3	64.1	63.3	62.7
Night	Min	60.3	69.5	49.3	69.2	68.8	66.7	64.8	60.2	56.3	50.5	49.8	49.4
	Max	70.9	79.9	61.7	79.4	79.1	76.6	75.6	71.8	68.0	63.2	62.4	61.8
Energy Average		67.2	Average:		74.8	74.3	72.2	70.3	65.4	61.5	57.1	56.5	56.1

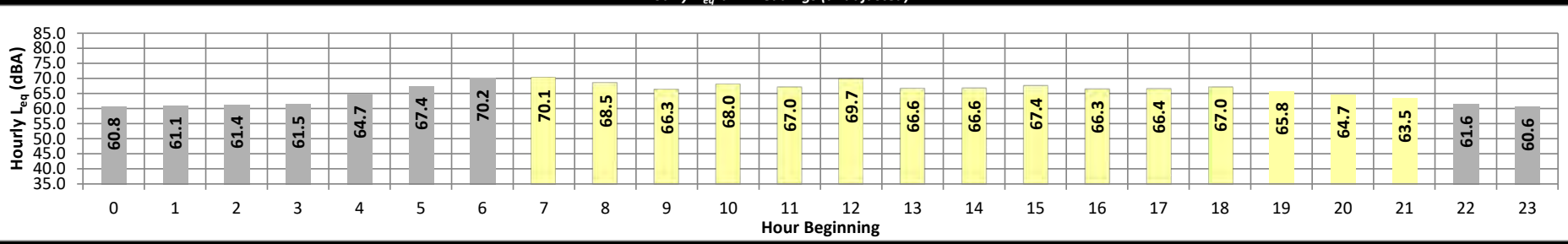
24-Hour CNEL	Leq (dBA) Daytime (7am-10pm)	Leq (dBA) Nighttime (10pm-7am)
75.0	**72.1**	**67.2**

24-Hour Noise Level Measurement Summary

Date: Thursday, May 4, 2023 *Location:* L4 - Located south of the site near the residence at 1110 E *Meter:* Piccolo II *JN:* 15067

Project: 2042 S. Grove St. *Source:* Philadelphia St. *Analyst:* Z. Ibrahim

Hourly L_{eq} dBA Readings (unadjusted)



Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%	L_{eq}	Adj.	Adj. L_{eq}
Night	0	60.8	67.1	58.7	66.8	66.4	64.7	63.5	60.9	59.3	58.9	58.8	58.7	60.8	10.0	70.8
	1	61.1	66.3	59.5	66.1	65.8	64.5	63.6	61.4	59.9	59.6	59.5	59.5	61.1	10.0	71.1
	2	61.4	67.6	58.9	67.3	66.8	65.1	64.1	61.4	60.2	59.1	59.0	58.9	61.4	10.0	71.4
	3	61.5	69.9	59.2	69.7	69.0	66.1	64.2	60.4	59.8	59.4	59.3	59.2	61.5	10.0	71.5
	4	64.7	73.5	59.9	73.2	72.7	70.5	69.1	64.6	61.4	60.1	60.0	59.9	64.7	10.0	74.7
	5	67.4	75.2	60.3	74.9	74.4	73.2	72.3	68.2	63.9	60.7	60.5	60.3	67.4	10.0	77.4
	6	70.2	80.2	59.7	79.8	78.9	76.7	74.7	70.5	66.5	60.7	60.3	59.8	70.2	10.0	80.2
Day	7	70.1	78.0	58.4	77.6	77.1	75.3	74.2	71.1	68.1	61.5	60.1	58.6	70.1	0.0	70.1
	8	68.5	75.3	55.6	75.1	74.7	73.5	72.8	70.1	66.4	58.4	56.9	55.8	68.5	0.0	68.5
	9	66.3	75.3	53.2	74.8	74.1	72.0	70.7	67.2	63.4	55.3	54.2	53.4	66.3	0.0	66.3
	10	68.0	77.6	55.9	77.0	76.3	73.9	72.2	68.7	64.9	58.1	57.0	56.0	68.0	0.0	68.0
	11	67.0	76.7	55.9	76.1	75.2	73.1	71.5	67.1	64.1	57.6	56.7	56.1	67.0	0.0	67.0
	12	69.7	77.8	58.9	77.5	77.0	75.1	73.7	70.6	67.6	61.3	60.1	59.1	69.7	0.0	69.7
	13	66.6	76.8	56.9	76.0	75.1	72.4	70.5	66.7	63.7	58.5	57.7	57.1	66.6	0.0	66.6
	14	66.6	75.3	57.6	74.9	74.4	72.3	70.6	67.2	64.1	59.3	58.6	57.8	66.6	0.0	66.6
	15	67.4	77.4	58.1	77.1	76.6	73.4	71.1	67.2	64.5	59.9	59.0	58.2	67.4	0.0	67.4
	16	66.3	74.7	58.0	74.3	73.5	71.3	69.9	67.2	64.5	59.5	58.7	58.1	66.3	0.0	66.3
	17	66.4	73.8	59.4	73.5	73.0	71.4	70.4	67.2	64.7	60.6	60.1	59.6	66.4	0.0	66.4
	18	67.0	75.8	60.2	75.6	75.1	72.9	71.1	67.2	64.3	61.1	60.6	60.3	67.0	0.0	67.0
	19	65.8	73.2	60.3	72.7	72.2	70.6	69.7	66.7	63.8	61.0	60.7	60.4	65.8	5.0	70.8
	20	64.7	72.1	59.4	71.7	71.3	69.9	68.7	65.2	62.7	60.1	59.8	59.5	64.7	5.0	69.7
	21	63.5	72.4	57.8	71.7	71.0	68.7	67.3	64.0	60.6	58.3	58.0	57.8	63.5	5.0	68.5
Night	22	61.6	68.8	56.9	68.6	68.3	66.9	65.9	61.9	59.0	57.2	57.1	56.9	61.6	10.0	71.6
	23	60.6	68.4	56.2	68.0	67.6	65.9	64.8	60.8	57.9	56.5	56.4	56.2	60.6	10.0	70.6

Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%
Day	Min	63.5	72.1	53.2	71.7	71.0	68.7	67.3	64.0	60.6	55.3	54.2	53.4
	Max	70.1	78.0	60.3	77.6	77.1	75.3	74.2	71.1	68.1	61.5	60.7	60.4
Energy Average		67.2	Average:		75.0	74.4	72.4	71.0	67.6	64.5	59.4	58.5	57.8
Night	Min	60.6	66.3	56.2	66.1	65.8	64.5	63.5	60.4	57.9	56.5	56.4	56.2
	Max	70.2	80.2	60.3	79.8	78.9	76.7	74.7	70.5	66.5	60.7	60.5	60.3
Energy Average		64.8	Average:		70.5	70.0	68.2	66.9	63.3	60.9	59.1	59.0	58.8

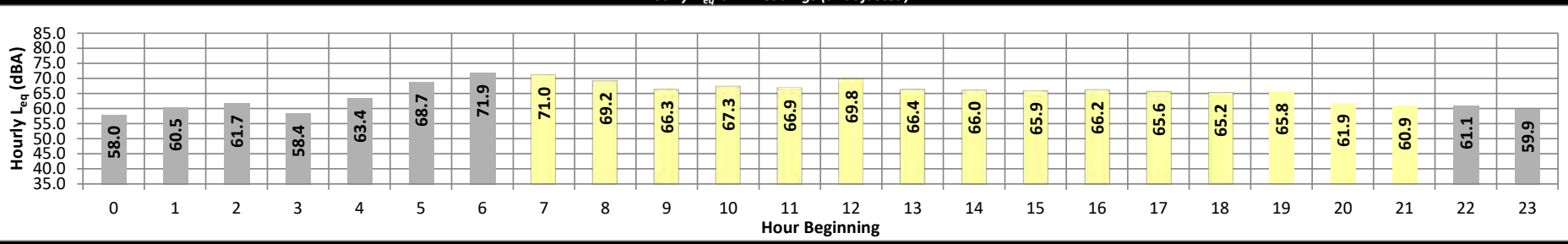
24-Hour CNEL	*Leq (dBA) Daytime (7am-10pm)*	*Leq (dBA) Nighttime (10pm-7am)*
71.9	**67.2**	**64.8**

24-Hour Noise Level Measurement Summary

Date: Thursday, May 4, 2023 *Location:* L5 - Located west of the site near the residence at 2048 S. Bon *Meter:* Piccolo II *JN:* 15067

Project: 2042 S. Grove St. *Source:* View Ave. *Analyst:* Z. Ibrahim

Hourly L_{eq} dBA Readings (unadjusted)



Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%	L_{eq}	Adj.	Adj. L_{eq}
Night	0	58.0	67.4	51.7	67.0	66.5	64.8	62.9	57.5	53.5	52.2	52.0	51.8	58.0	10.0	68.0
	1	60.5	70.1	48.5	69.8	69.5	68.2	67.2	59.3	51.2	49.0	48.8	48.6	60.5	10.0	70.5
	2	61.7	71.0	48.4	70.7	70.2	68.8	67.4	62.1	56.0	49.7	49.0	48.5	61.7	10.0	71.7
	3	58.4	68.7	53.4	68.4	67.8	65.2	62.4	56.2	55.2	54.0	53.8	53.5	58.4	10.0	68.4
	4	63.4	73.6	58.8	73.1	72.3	69.6	67.3	61.8	60.3	59.3	59.2	58.9	63.4	10.0	73.4
	5	68.7	77.6	62.6	77.3	76.6	74.8	73.5	68.7	64.9	63.0	62.8	62.7	68.7	10.0	78.7
	6	71.9	80.2	66.7	79.9	79.3	77.6	76.3	71.8	68.8	67.1	66.9	66.8	71.9	10.0	81.9
Day	7	71.0	78.8	61.4	78.5	77.8	76.3	75.3	71.9	68.8	63.7	62.5	61.6	71.0	0.0	71.0
	8	69.2	77.4	56.3	77.0	76.4	75.0	74.1	70.4	65.9	58.6	57.5	56.4	69.2	0.0	69.2
	9	66.3	75.7	51.6	75.5	75.1	73.3	71.8	66.7	60.7	52.9	52.3	51.7	66.3	0.0	66.3
	10	67.3	77.4	54.1	77.1	76.6	74.1	72.4	67.5	61.1	55.1	54.6	54.2	67.3	0.0	67.3
	11	66.9	75.8	55.1	75.5	75.0	73.6	72.3	67.2	62.0	56.1	55.6	55.2	66.9	0.0	66.9
	12	69.8	78.4	57.0	78.0	77.4	75.8	74.8	70.8	66.0	58.6	57.7	57.1	69.8	0.0	69.8
	13	66.4	76.9	52.2	76.4	75.8	73.4	71.5	65.8	60.8	54.1	53.2	52.3	66.4	0.0	66.4
	14	66.0	74.7	54.8	74.4	74.0	72.0	70.5	66.7	63.0	56.4	55.5	54.9	66.0	0.0	66.0
	15	65.9	74.1	54.3	73.7	73.2	71.6	70.5	67.1	62.9	55.8	55.1	54.5	65.9	0.0	65.9
	16	66.2	74.3	56.1	74.0	73.5	71.8	70.6	67.3	63.0	57.5	56.7	56.2	66.2	0.0	66.2
	17	65.6	73.9	57.7	73.6	73.0	71.5	70.3	66.3	62.5	58.4	58.1	57.8	65.6	0.0	65.6
	18	65.2	73.5	58.6	73.3	72.8	70.7	69.5	65.7	62.4	59.3	59.0	58.6	65.2	0.0	65.2
	19	65.8	74.0	58.3	73.7	73.4	72.3	71.1	65.8	61.6	58.9	58.7	58.4	65.8	5.0	70.8
	20	61.9	70.2	56.7	69.8	69.1	67.3	66.1	61.9	59.3	57.4	57.1	56.8	61.9	5.0	66.9
	21	60.9	69.2	56.1	68.8	68.1	66.4	65.2	60.9	58.3	56.6	56.4	56.1	60.9	5.0	65.9
Night	22	61.1	68.8	54.5	68.5	68.0	66.7	65.9	62.5	57.4	55.1	54.9	54.6	61.1	10.0	71.1
	23	59.9	68.9	52.9	68.4	67.7	65.8	64.6	60.1	56.0	53.5	53.2	53.0	59.9	10.0	69.9

Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%
Day	Min	60.9	69.2	51.6	68.8	68.1	66.4	65.2	60.9	58.3	52.9	52.3	51.7
	Max	71.0	78.8	61.4	78.5	77.8	76.3	75.3	71.9	68.8	63.7	62.5	61.6
Energy Average		67.0	Average:		74.6	74.1	72.4	71.1	66.8	62.6	57.3	56.7	56.1
Night	Min	58.0	67.4	48.4	67.0	66.5	64.8	62.4	56.2	51.2	49.0	48.8	48.5
	Max	71.9	80.2	66.7	79.9	79.3	77.6	76.3	71.8	68.8	67.1	66.9	66.8
Energy Average		65.4	Average:		71.4	70.9	69.0	67.5	62.2	58.1	55.9	55.6	55.4

24-Hour CNEL	*Leq (dBA) Daytime (7am-10pm)*	*Leq (dBA) Nighttime (10pm-7am)*
72.2	**67.0**	**65.4**

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APPENDIX 7.1:

CADNAA OPERATIONAL NOISE MODEL INPUTS

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15067 - First Grove

CadnaA Noise Prediction Model: 15067-02.cna
Date: 05.06.23
Analyst: B. Lawson

Calculation Configuration

Configuration	
Parameter	**Value**
General	
Max. Error (dB)	**0.00**
Max. Search Radius (#(Unit,LEN))	**2000.01**
Min. Dist Src to Rcvr	**0.00**
Partition	
Raster Factor	**0.50**
Max. Length of Section (#(Unit,LEN))	**999.99**
Min. Length of Section (#(Unit,LEN))	**1.01**
Min. Length of Section (%)	**0.00**
Proj. Line Sources	**On**
Proj. Area Sources	**On**
Ref. Time	
Daytime Penalty (dB)	**0.00**
Recr. Time Penalty (dB)	**5.00**
Night-time Penalty (dB)	**10.00**
DTM	
Standard Height (m)	**0.00**
Model of Terrain	**Triangulation**
Reflection	
max. Order of Reflection	**2**
Search Radius Src	**100.00**
Search Radius Rcvr	**100.00**
Max. Distance Source - Rcvr	**1000.00 1000.00**
Min. Distance Rvcr - Reflector	**1.00 1.00**
Min. Distance Source - Reflector	**0.10**
Industrial (ISO 9613)	
Lateral Diffraction	**some Obj**
Obst. within Area Src do not shield	**On**
Screening	**Incl. Ground Att. over Barrier**
	Dz with limit (20/25)
Barrier Coefficients C1,2,3	**3.0 20.0 0.0**
Temperature (#(Unit,TEMP))	**10**
rel. Humidity (%)	**70**
Ground Absorption G	**0.50**
Wind Speed for Dir. (#(Unit,SPEED))	**3.0**
Roads (TNM)	
Railways (FTA/FRA)	
Aircraft (???)	
Strictly acc. to AzB	

Receiver Noise Levels

Name	M.	ID	Level Lr			Limit. Value			Land Use			Height		Coordinates		
			Day	Night	CNEL	Day	Night	CNEL	Type	Auto	Noise Type			X	Y	Z
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)				(ft)		(ft)	(ft)	(ft)
RECEIVERS		R1	55.7	55.7	62.4	65.0	45.0	0.0				5.00	a	6142817.87	2323053.99	5.00
RECEIVERS		R2	58.0	58.0	64.6	65.0	45.0	0.0				5.00	a	6143366.92	2322847.01	5.00
RECEIVERS		R3	48.6	48.6	55.2	65.0	45.0	0.0				5.00	a	6144355.17	2322555.63	5.00
RECEIVERS		R4	54.0	54.0	60.6	65.0	45.0	0.0				5.00	a	6143172.49	2322555.78	5.00
RECEIVERS		R5	48.5	48.5	55.2	65.0	45.0	0.0				5.00	a	6141847.43	2323200.83	5.00

Point Source(s)

Name	M.	ID	Result. PWL			Lw / Li			Operating Time			Height		Coordinates		
			Day	Evening	Night	Type	Value	norm.	Day	Special	Night			X	Y	Z
			(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)	(ft)		(ft)	(ft)	(ft)
POINTSOURCE		AC01	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	6143750.54	2323513.44	35.00
POINTSOURCE		AC02	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	6143791.74	2323513.44	35.00
POINTSOURCE		CAR01	81.1	81.1	81.1	Lw	81.1					5.00	a	6143871.01	2323361.61	5.00
POINTSOURCE		CAR02	81.1	81.1	81.1	Lw	81.1					5.00	a	6143869.67	2323392.96	5.00
POINTSOURCE		CAR03	81.1	81.1	81.1	Lw	81.1					5.00	a	6143871.91	2323439.99	5.00
POINTSOURCE		CAR04	81.1	81.1	81.1	Lw	81.1					5.00	a	6143874.15	2323474.47	5.00
POINTSOURCE		CAR05	81.1	81.1	81.1	Lw	81.1					5.00	a	6143896.99	2323495.07	5.00
POINTSOURCE		CAR06	81.1	81.1	81.1	Lw	81.1					5.00	a	6143938.64	2323478.50	5.00
POINTSOURCE		CAR07	81.1	81.1	81.1	Lw	81.1					5.00	a	6143896.99	2323457.45	5.00
POINTSOURCE		CAR08	81.1	81.1	81.1	Lw	81.1					5.00	a	6143936.85	2323443.57	5.00
POINTSOURCE		CAR09	81.1	81.1	81.1	Lw	81.1					5.00	a	6143896.99	2323411.77	5.00
POINTSOURCE		CAR10	81.1	81.1	81.1	Lw	81.1					5.00	a	6143936.85	2323398.34	5.00
POINTSOURCE		CAR11	81.1	81.1	81.1	Lw	81.1					5.00	a	6143895.20	2323379.08	5.00
POINTSOURCE		CAR12	81.1	81.1	81.1	Lw	81.1					5.00	a	6143937.30	2323357.13	5.00
POINTSOURCE		CAR13	81.1	81.1	81.1	Lw	81.1					5.00	a	6143934.61	2323301.60	5.00

Name	M.	ID	Result. PWL			Lw / Li			Operating Time			Height		Coordinates		
			Day	Evening	Night	Type	Value	norm.	Day	Special	Night			X	Y	Z
			(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)	(ft)		(ft)	(ft)	(ft)
POINTSOURCE		CAR14	81.1	81.1	81.1	Lw	81.1					5.00	a	6143899.23	2323301.15	5.00
POINTSOURCE		CAR15	81.1	81.1	81.1	Lw	81.1					5.00	a	6143850.86	2323302.50	5.00
POINTSOURCE		CAR16	81.1	81.1	81.1	Lw	81.1					5.00	a	6143831.60	2323341.91	5.00
POINTSOURCE		CAR17	81.1	81.1	81.1	Lw	81.1					5.00	a	6143831.15	2323376.84	5.00
POINTSOURCE		CAR18	81.1	81.1	81.1	Lw	81.1					5.00	a	6143832.50	2323421.18	5.00
POINTSOURCE		CAR19	81.1	81.1	81.1	Lw	81.1					5.00	a	6143832.50	2323450.29	5.00
POINTSOURCE		CAR20	81.1	81.1	81.1	Lw	81.1					5.00	a	6143832.95	2323481.19	5.00
POINTSOURCE		CAR21	81.1	81.1	81.1	Lw	81.1					5.00	a	6143549.00	2323537.17	5.00
POINTSOURCE		CAR22	81.1	81.1	81.1	Lw	81.1					5.00	a	6143385.98	2323415.36	5.00
POINTSOURCE		CAR23	81.1	81.1	81.1	Lw	81.1					5.00	a	6143386.43	2323453.87	5.00
POINTSOURCE		CAR24	81.1	81.1	81.1	Lw	81.1					5.00	a	6143386.43	2323493.28	5.00
POINTSOURCE		CAR25	81.1	81.1	81.1	Lw	81.1					5.00	a	6143387.33	2323532.25	5.00
POINTSOURCE		CAR26	81.1	81.1	81.1	Lw	81.1					5.00	a	6143387.33	2323567.18	5.00
POINTSOURCE		TRASH01	89.0	89.0	89.0	Lw	89		900.00	0.00	270.00	5.00	a	6143383.30	2323320.86	5.00
POINTSOURCE		TRASH02	89.0	89.0	89.0	Lw	89		900.00	0.00	270.00	5.00	a	6143382.85	2323313.69	5.00
POINTSOURCE		TRASH03	89.0	89.0	89.0	Lw	89		900.00	0.00	270.00	5.00	a	6143382.85	2323306.08	5.00

Line Source(s)

Name	M.	ID	Result. PWL			Result. PWL'			Lw / Li			Operating Time			Moving Pt. Src				Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	Number			Speed		
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)	Day	Evening	Night	(mph)	(ft)	
LINESOURCE		TRUCK01	93.2	93.2	93.2	69.6	69.6	69.6	Lw	93.2									8	a

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
LINESOURCE	TRUCK01	8.00	a			6143967.47	2323537.17	8.00	0.00
						6143903.71	2323537.17	8.00	0.00
						6143877.28	2323544.79	8.00	0.00
						6143855.34	2323555.98	8.00	0.00
						6143832.05	2323562.25	8.00	0.00
						6143695.01	2323563.15	8.00	0.00
						6143555.27	2323564.94	8.00	0.00
						6143512.28	2323564.94	8.00	0.00
						6143494.37	2323561.81	8.00	0.00
						6143477.80	2323549.27	8.00	0.00
						6143466.15	2323533.59	8.00	0.00
						6143464.81	2323513.88	8.00	0.00
						6143463.46	2323304.29	8.00	0.00

Area Source(s)

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Operating Time			Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	(ft)	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)		
AREASOURCE		DOCK01	111.5	111.5	111.5	80.6	80.6	80.6	Lw	111.5					8	a
AREASOURCE		DOCK02	111.5	111.5	111.5	86.8	86.8	86.8	Lw	111.5					8	a

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
AREASOURCE	DOCK01	8.00	a			6143565.44	2323518.35	8.00	0.00
						6143563.83	2323301.15	8.00	0.00
						6143502.88	2323302.94	8.00	0.00
						6143504.67	2323518.36	8.00	0.00
AREASOURCE	DOCK02	8.00	a			6143373.44	2323392.07	8.00	0.00
						6143424.50	2323391.17	8.00	0.00
						6143424.50	2323329.82	8.00	0.00
						6143371.65	2323330.26	8.00	0.00

Building(s)

Name	Sel.	M.	ID	RB	Residents	Absorption	Height		Coordinates			
							Begin		x	y	z	Ground
							(ft)		(ft)	(ft)	(ft)	(ft)
BUILDING			BUILDING00001	x	0		30.00	a	6143565.58	2323537.17	30.00	0.00
									6143783.23	2323534.93	30.00	0.00
									6143782.34	2323531.35	30.00	0.00
									6143802.49	2323532.25	30.00	0.00
									6143802.04	2323507.61	30.00	0.00
									6143808.31	2323508.06	30.00	0.00
									6143808.31	2323501.34	30.00	0.00
									6143812.79	2323501.79	30.00	0.00
									6143811.90	2323318.17	30.00	0.00
									6143807.87	2323319.07	30.00	0.00
									6143807.42	2323311.45	30.00	0.00

Name	Sel.	M.	ID	RB	Residents	Absorption	Height		Coordinates			
							Begin		x	y	z	Ground
							(ft)		(ft)	(ft)	(ft)	(ft)
									6143801.60	2323312.80	30.00	0.00
									6143801.60	2323293.54	30.00	0.00
									6143563.79	2323295.64	30.00	0.00

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APPENDIX 8.1:

CADNAA CONSTRUCTION NOISE MODEL INPUTS

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15067 - First Grove

CadnaA Noise Prediction Model: 15067-02_Construction.cna
Date: 05.06.23
Analyst: B. Lawson

Calculation Configuration

Configuration	
Parameter	**Value**
General	
Max. Error (dB)	0.00
Max. Search Radius (#(Unit,LEN))	2000.01
Min. Dist Src to Rcvr	0.00
Partition	
Raster Factor	0.50
Max. Length of Section (#(Unit,LEN))	999.99
Min. Length of Section (#(Unit,LEN))	1.01
Min. Length of Section (%)	0.00
Proj. Line Sources	On
Proj. Area Sources	On
Ref. Time	
Daytime Penalty (dB)	0.00
Recr. Time Penalty (dB)	5.00
Night-time Penalty (dB)	10.00
DTM	
Standard Height (m)	0.00
Model of Terrain	Triangulation
Reflection	
max. Order of Reflection	2
Search Radius Src	100.00
Search Radius Rcvr	100.00
Max. Distance Source - Rcvr	1000.00 1000.00
Min. Distance Rvcr - Reflector	1.00 1.00
Min. Distance Source - Reflector	0.10
Industrial (ISO 9613)	
Lateral Diffraction	some Obj
Obst. within Area Src do not shield	On
Screening	Incl. Ground Att. over Barrier
	Dz with limit (20/25)
Barrier Coefficients C1,2,3	3.0 20.0 0.0
Temperature (#(Unit,TEMP))	10
rel. Humidity (%)	70
Ground Absorption G	0.50
Wind Speed for Dir. (#(Unit,SPEED))	3.0
Roads (TNM)	
Railways (FTA/FRA)	
Aircraft (???)	
Strictly acc. to AzB	

Receiver Noise Levels

Name	M.	ID	Level Lr			Limit. Value			Land Use			Height		Coordinates		
			Day	Night	CNEL	Day	Night	CNEL	Type	Auto	Noise Type			X	Y	Z
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)				(ft)		(ft)	(ft)	(ft)
RECEIVERS		R1	61.2	-45.8	58.2	65.0	45.0	0.0				5.00	a	6142817.87	2323053.99	5.00
RECEIVERS		R2	63.9	-43.1	60.8	65.0	45.0	0.0				5.00	a	6143366.92	2322847.01	5.00
RECEIVERS		R3	59.4	-47.6	56.4	65.0	45.0	0.0				5.00	a	6144355.17	2322555.63	5.00
RECEIVERS		R4	60.2	-46.8	57.2	65.0	45.0	0.0				5.00	a	6143172.49	2322555.78	5.00
RECEIVERS		R5	54.8	-52.2	51.8	65.0	45.0	0.0				5.00	a	6141847.43	2323200.83	5.00

Point Source(s)

Name	M.	ID	Result. PWL			Lw / Li			Operating Time			Height		Coordinates		
			Day	Evening	Night	Type	Value	norm.	Day	Special	Night			X	Y	Z
			(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)	(ft)		(ft)	(ft)	(ft)

Line Source(s)

Name	M.	ID	Result. PWL			Result. PWL'			Lw / Li			Operating Time			Moving Pt. Src				Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	Number			Speed		
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)	Day	Evening	Night	(mph)	(ft)	

Name	ID	Height		Coordinates			
		Begin	End	x	y	z	Ground
		(ft)	(ft)	(ft)	(ft)	(ft)	(ft)

Area Source(s)

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Operating Time			Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	(ft)	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)		
SITEBOUNDARY		CONSTRUCTION	122.0	15.0	15.0	79.7	-27.3	-27.3	PWL-Pt	115					8	a

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
SITEBOUNDARY	CONSTRUCTION	8.00	a			6143367.38	2323591.30	8.00	0.00
						6143967.76	2323587.42	8.00	0.00
						6143966.00	2323282.40	8.00	0.00
						6143366.27	2323286.18	8.00	0.00

Building(s)

Name	Sel.	M.	ID	RB	Residents	Absorption	Height	Coordinates			
							Begin	x	y	z	Ground
							(ft)	(ft)	(ft)	(ft)	(ft)

APPENDIX 8.2:

CADNAA CONCRETE POUR NOISE MODEL INPUTS

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15067 - First Grove

CadnaA Noise Prediction Model: 15067-02_Concrete.cna
Date: 05.06.23
Analyst: B. Lawson

Calculation Configuration

Configuration	
Parameter	**Value**
General	
Max. Error (dB)	**0.00**
Max. Search Radius (#(Unit,LEN))	**2000.01**
Min. Dist Src to Rcvr	**0.00**
Partition	
Raster Factor	**0.50**
Max. Length of Section (#(Unit,LEN))	**999.99**
Min. Length of Section (#(Unit,LEN))	**1.01**
Min. Length of Section (%)	**0.00**
Proj. Line Sources	**On**
Proj. Area Sources	**On**
Ref. Time	
Daytime Penalty (dB)	**0.00**
Recr. Time Penalty (dB)	**5.00**
Night-time Penalty (dB)	**10.00**
DTM	
Standard Height (m)	**0.00**
Model of Terrain	**Triangulation**
Reflection	
max. Order of Reflection	**2**
Search Radius Src	**100.00**
Search Radius Rcvr	**100.00**
Max. Distance Source - Rcvr	**1000.00 1000.00**
Min. Distance Rvcr - Reflector	**1.00 1.00**
Min. Distance Source - Reflector	**0.10**
Industrial (ISO 9613)	
Lateral Diffraction	**some Obj**
Obst. within Area Src do not shield	**On**
Screening	**Incl. Ground Att. over Barrier**
	Dz with limit (20/25)
Barrier Coefficients C1,2,3	**3.0 20.0 0.0**
Temperature (#(Unit,TEMP))	**10**
rel. Humidity (%)	**70**
Ground Absorption G	**0.50**
Wind Speed for Dir. (#(Unit,SPEED))	**3.0**
Roads (TNM)	
Railways (FTA/FRA)	
Aircraft (???)	
Strictly acc. to AzB	

Receiver Noise Levels

Name	M.	ID	Level Lr			Limit. Value			Land Use			Height		Coordinates		
			Day	Night	CNEL	Day	Night	CNEL	Type	Auto	Noise Type			X	Y	Z
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)				(ft)		(ft)	(ft)	(ft)
RECEIVERS		R1	39.4	39.4	46.1	65.0	45.0	0.0				5.00	a	6142817.87	2323053.99	5.00
RECEIVERS		R2	42.5	42.5	49.2	65.0	45.0	0.0				5.00	a	6143366.92	2322847.01	5.00
RECEIVERS		R3	37.8	37.8	44.4	65.0	45.0	0.0				5.00	a	6144355.17	2322555.63	5.00
RECEIVERS		R4	38.7	38.7	45.4	65.0	45.0	0.0				5.00	a	6143172.49	2322555.78	5.00
RECEIVERS		R5	33.2	33.2	39.8	65.0	45.0	0.0				5.00	a	6141847.43	2323200.83	5.00

Area Source(s)

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Operating Time			Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	(ft)	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)		
CONCRETE		CONCRETE	100.3	100.3	100.3	62.0	62.0	62.0	Lw	100.3					8	a

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
CONCRETE	CONCRETE	8.00	a			6143504.22	2323518.81	8.00	0.00
						6143565.45	2323519.71	8.00	0.00
						6143565.58	2323537.17	8.00	0.00
						6143783.23	2323534.93	8.00	0.00
						6143782.34	2323531.35	8.00	0.00
						6143802.49	2323532.25	8.00	0.00
						6143802.04	2323507.61	8.00	0.00
						6143808.31	2323508.06	8.00	0.00
						6143808.31	2323501.34	8.00	0.00
						6143812.79	2323501.79	8.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						6143811.90	2323318.17	8.00	0.00
						6143807.87	2323319.07	8.00	0.00
						6143807.42	2323311.45	8.00	0.00
						6143801.60	2323312.80	8.00	0.00
						6143801.60	2323293.54	8.00	0.00
						6143502.43	2323294.44	8.00	0.00

Building(s)

Name	Sel.	M.	ID	RB	Residents	Absorption	Height	Coordinates			
							Begin	x	y	z	Ground
							(ft)	(ft)	(ft)	(ft)	(ft)

MEMORANDUM

URBAN | CROSSROADS

DATE: November 9, 2023
TO: Nicole Morse, T&B Planning, Inc.
FROM: Charlene So, Urban Crossroads, Inc.
JOB NO: 15067-01 TG Memo

FIRST GROVE ADDENDUM TRIP GENERATION ASSESSMENT

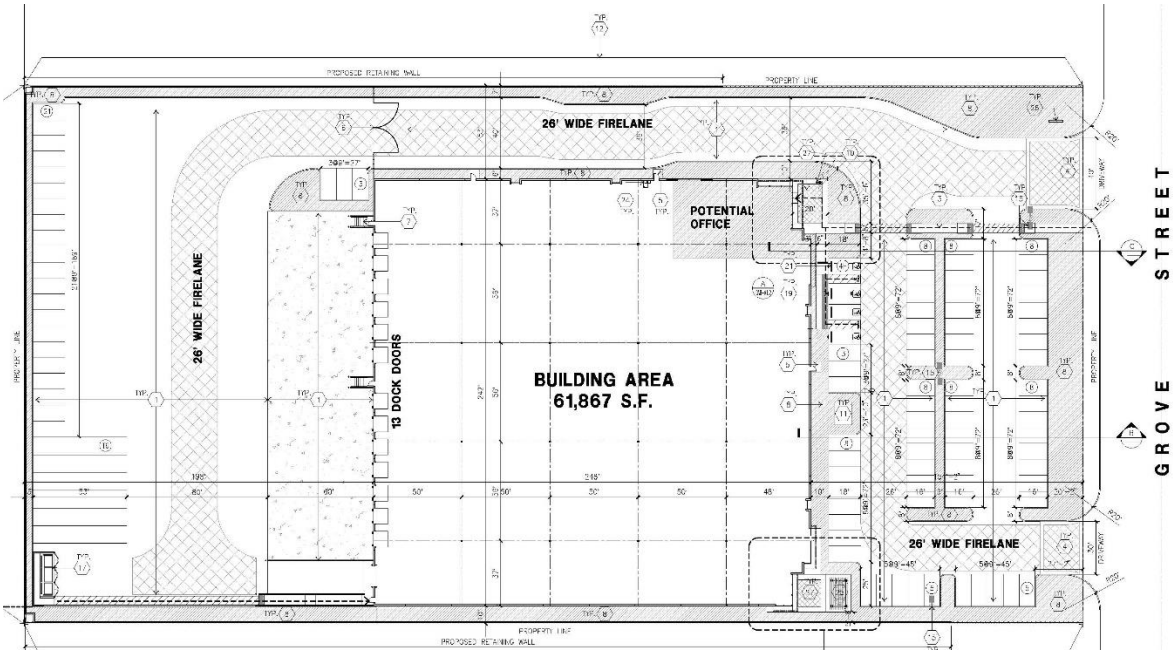
Urban Crossroads, Inc. is pleased to submit this Trip Generation Assessment for the proposed First Grove development (**Project**), which is located at 2042 S. Grove Avenue in the City of Ontario. The purpose of the following trip generation is to determine whether additional analysis is necessary based on the City's Guidelines (County's Transportation Impact Study Guidelines, dated July 9, 2019).

PROPOSED PROJECT

It is our understanding that the Project is to consist of a 61,867 square foot industrial warehouse building (see Exhibit 1). Access is proposed to S. Grove Avenue via two driveways (the northerly one will serve trucks with both driveways serving passenger cars).

The Project site land use is currently designated as Business Park under The Ontario Plan (**TOP**) 2050. The currently adopted General Plan Business Park land use allows for the development of up to 109,817 square feet of business park use, calculated using a floor-to-area ratio (**FAR**) of 0.60. The Business Park land use designation is defined as "employee-intensive office uses including corporate offices, technology centers, research and development, "clean" industry, light manufacturing, and supporting retail within a business park setting."

EXHIBIT 1: PRELIMINARY SITE PLAN



TRIP GENERATION

EXISTING TRAFFIC

The site is currently developed with two buildings (office and warehouse) and occupied by a telecommunication company with vehicle maintenance operations on-site (southern building). The northern building is approximately 15,000 square feet (sf) in size and the southern building is approximately 10,000 sf. Excavated material generated off-site is temporarily staged along the western and southern boundary of the site. Vehicular access to the Project site is provided via two driveways along S. Grove Avenue. In an effort to understand the existing traffic associated with the current use, traffic counts were collected at the driveways on April 25 through April 27, 2023 (Tuesday through Thursday). A summary of the count data collected is shown on Table A-1 of Attachment A. See Attachment A for driveway count data worksheets.

Table 1 summarizes the average existing trip generation based on the count data collected over three days. The existing site currently generates an average of 370 two-way trips per day, with 40 trips during the AM peak hour and 27 trips during the PM peak hour. Trip generation for the existing use has been reflected in both actual vehicles and passenger car equivalent (**PCE**) on Table 1. PCE factors were applied to the trip generation rates for heavy trucks (large 2-axles, 3-axles, 4+-axles). PCEs allow the typical "real-world" mix of vehicle types to be represented as a single, standardized unit, such as the passenger car, to be used for the purposes of capacity and level of service analyses. The PCE factors are consistent with the recommended PCE factors in the County Guidelines and with those used for other projects within the City.

TABLE 1: EXISTING TRIP GENERATION

	AM Peak Hour			PM Peak Hour			
Land Use	In	Out	Total	In	Out	Total	Daily
Actual Vehicles:							
Existing Use							
Passenger Cars:	11	8	19	2	16	18	261
2-axle Trucks:	2	17	19	7	2	9	107
3-axle Trucks:	1	1	2	0	0	0	2
4+-axle Trucks:	0	0	0	0	0	0	0
Total Trucks:	3	18	21	7	2	9	109
Total Trips (Actual Vehicles)[1]	**14**	**26**	**40**	**9**	**18**	**27**	**370**
Passenger Car Equivalent (PCE):							
Existing Use							
Passenger Cars:	11	8	19	2	16	18	261
2-axle Trucks (PCE = 1.5):	3	26	29	11	3	14	162
3-axle Trucks (PCE = 2.0):	2	2	4	0	0	0	4
4+-axle Trucks (PCE = 3.0):	0	0	0	0	0	0	0
Total Trucks (PCE):	5	28	33	11	3	14	166
Total Trips (PCE)[1]	**16**	**36**	**52**	**13**	**19**	**32**	**427**

[1] Total Trips = Passenger Cars + Truck Trips.

THE ONTARIO PLAN (TOP) 2050

The Ontario Plan (**TOP**) 2050 Environmental Impact Report (**EIR**) (August 2022) designates the Project site with Business Park use. Per the adopted TOP 2050, the Project site could be developed with up to 109,817 square feet of industrial use (assuming a 4.2-acre site and a floor-to-area-ratio of 0.60). The trip generation rates used for this analysis are based upon information collected by the Institute of Transportation Engineers (**ITE**) as provided in their Trip Generation Manual (11th Edition, 2021). For purposes of the trip generation assessment, the following ITE land use code and vehicle mix has been utilized for the currently adopted TOP 2050:

- ITE land use code 110 (General Light Industrial) has been used to derive site specific trip generation estimates for up to 109,817 square feet. A light industrial facility is a free-standing facility devoted to a single use that has an emphasis on activities other than manufacturing. Typically, there is minimum office space. The vehicle mix has been obtained from the ITE's Trip Generation Manual. The truck percentages were further broken down by axle type per the following South Coast Air Quality Management District (**SCAQMD**) recommended truck mix: 2-Axle = 16.7%; 3-Axle = 20.7%; 4+-Axle = 62.6%.

TABLE 2: ITE TRIP GENERATION RATES

Land Use[1]	Units[2]	ITE LU Code	AM Peak Hour In	AM Peak Hour Out	AM Peak Hour Total	PM Peak Hour In	PM Peak Hour Out	PM Peak Hour Total	Daily
Actual Vehicle Trip Generation Rates									
General Light Industrial[3]	TSF	110	**0.651**	**0.089**	**0.740**	**0.091**	**0.559**	**0.650**	**4.870**
Passenger Cars (AM=98.6%, PM=98.5%, Daily=94.9%)			0.645	0.085	0.730	0.086	0.554	0.640	4.620
2-Axle Trucks (AM=0.23%, PM=0.25%, Daily=0.85%)			0.001	0.001	0.002	0.001	0.001	0.002	0.042
3-Axle Trucks (AM=0.29%, PM=0.31%, Daily=1.05%)			0.001	0.001	0.002	0.001	0.001	0.002	0.052
4+-Axle Trucks (AM=0.88%, PM=0.94%, Daily=3.20%)			0.004	0.002	0.006	0.003	0.003	0.006	0.157

[1] Trip Generation & Vehicle Mix Source: Institute of Transportation Engineers (ITE), Trip Generation Manual, Eleventh Edition (2021).

[2] TSF = thousand square feet

[3] Truck Mix: South Coast Air Quality Management District's (SCAQMD) recommended truck mix, by axle type.
Normalized % - Without Cold Storage: 16.7% 2-Axle trucks, 20.7% 3-Axle trucks, 62.6% 4-Axle trucks.

The trip generation summary illustrating daily, and peak hour trip generation estimates for the current TOP 2050 approved land use is shown on Table 3. As shown on Table 3, the site is anticipated to generate a total of 538 two-way trips per day with 80 AM peak hour trips and 70 PM peak hour trips based on the TOP 2050 adopted Business Park land use designation (in actual vehicles). In comparison, the proposed Project is anticipated to generate a total of 580 two-way PCE trips per day with 82 PCE AM peak hour trips and 72 PCE PM peak hour trips.

TABLE 3: TOP 2050 TRIP GENERATION SUMMARY

Land Use	Quantity	Units[1]	AM Peak Hour In	AM Peak Hour Out	AM Peak Hour Total	PM Peak Hour In	PM Peak Hour Out	PM Peak Hour Total	Daily
Actual Vehicles:									
General Light Industrial	109.817	TSF							
Passenger Cars:			71	9	80	9	61	70	508
2-axle Trucks:			0	0	0	0	0	0	6
3-axle Trucks:			0	0	0	0	0	0	6
4+-axle Trucks:			0	0	0	0	0	0	18
Total Truck Trips (Actual Vehicles):			0	0	0	0	0	0	30
Total Trips (Actual Vehicles)[2]			**71**	**9**	**80**	**9**	**61**	**70**	**538**
Passenger Car Equivalent (PCE):									
General Light Industrial	109.817	TSF							
Passenger Cars:			71	9	80	9	61	70	508
2-axle Trucks (PCE = 1.5):			0	0	0	0	0	0	8
3-axle Trucks (PCE = 2.0):			0	0	0	0	0	0	12
4+-axle Trucks (PCE = 3.0):			1	1	2	1	1	2	52
Total Truck Trips (PCE):			1	1	2	1	1	2	72
Total Trips (PCE)[2]			**72**	**10**	**82**	**10**	**62**	**72**	**580**

[1] TSF = thousand square feet

[2] Total Trips = Passenger Cars + Truck Trips.

PROPOSED PROJECT

The trip generation rates for the proposed Project are based upon information collected by the ITE as provided in their Trip Generation Manual (11th Edition, 2021) for the General Light Industrial (ITE 110) land use category (see Table 2). The Project has been evaluated assuming 61,867 square feet of general light industrial use.

The trip generation summary illustrating daily, and peak hour trip generation estimates for the proposed Project in actual vehicles and PCE are shown on Table 4. As shown on Table 4, the proposed Project is anticipated to generate a total of 304 two-way trips per day with 45 AM peak hour trips and 39 PM peak hour trips (in actual vehicles). In comparison, the proposed Project is anticipated to generate a total of 326 two-way PCE trips per day with 46 PCE AM peak hour trips and 41 PCE PM peak hour trips.

TABLE 4: PROPOSED PROJECT TRIP GENERATION SUMMARY

			AM Peak Hour			PM Peak Hour			
Land Use	Quantity	Units[1]	In	Out	Total	In	Out	Total	Daily
Actual Vehicles:									
General Light Industrial	61.867	TSF							
Passenger Cars:			40	5	45	5	34	39	286
2-axle Trucks:			0	0	0	0	0	0	4
3-axle Trucks:			0	0	0	0	0	0	4
4+-axle Trucks:			0	0	0	0	0	0	10
Total Truck Trips (Actual Vehicles):			0	0	0	0	0	0	18
Total Trips (Actual Vehicles)[2]			**40**	**5**	**45**	**5**	**34**	**39**	**304**
Passenger Car Equivalent (PCE):									
General Light Industrial	61.867	TSF							
Passenger Cars:			40	5	45	5	34	40	286
2-axle Trucks (PCE = 1.5):			0	0	0	0	0	0	4
3-axle Trucks (PCE = 2.0):			0	0	0	0	0	0	6
4+-axle Trucks (PCE = 3.0):			1	0	1	1	1	1	30
Total Truck Trips (PCE):			1	0	1	1	1	1	40
Total Trips (PCE)[2]			**41**	**5**	**46**	**6**	**35**	**41**	**326**

[1] TSF = thousand square feet

[2] Total Trips = Passenger Cars + Truck Trips.

TRIP GENERATION COMPARISON

Table 5 shows the trip generation comparison between the existing and proposed use. The resulting net new trips are identified on Table 5. As shown, the Project is anticipated to generate 101 fewer two-way trips per day with 6 fewer AM peak hour trips and 10 net new PM peak hour trips in comparison to the existing uses (in PCE). Per the City's Guidelines, the trip generation comparison is based on PCE as the existing and proposed uses are truck-intensive uses and any operations analysis performed (if necessary) would utilize PCE values.

TABLE 5: TRIP GENERATION COMPARISON – EXISTING VS. PROPOSED PROJECT

	AM Peak Hour			PM Peak Hour			
Land Use	In	Out	Total	In	Out	Total	Daily
Proposed Project							
Passenger Cars:	40	5	45	5	34	40	286
Total Truck Trips (PCE):	1	0	1	1	1	1	40
Total Trips	41	5	46	6	35	41	326
Existing							
Passenger Cars:	11	8	19	2	16	18	261
Total Truck Trips (PCE):	5	28	33	11	3	14	166
Total Trips	16	36	52	13	19	32	427
Net Change							
Passenger Cars:	29	-3	26	3	18	22	25
Total Truck Trips (PCE):	-4	-28	-32	-10	-2	-13	-126
Total Trips	**25**	**-31**	**-6**	**-7**	**16**	**10**	**-101**

Table 6 shows the trip generation comparison between the adopted TOP 2050 land use and proposed Project. The resulting net new trips are identified on Table 6. As shown, the Project is anticipated to generate 182 fewer two-way trips per day with 34 fewer AM peak hour trips and 29 fewer PM peak hour trips in comparison to the approved TOP 2050 land use (in PCE).

TABLE 8: TRIP GENERATION COMPARISON – TOP 2050 VS. PROPOSED PROJECT

	AM Peak Hour			PM Peak Hour			
Land Use	In	Out	Total	In	Out	Total	Daily
Proposed Project							
Passenger Cars:	40	5	45	5	34	40	286
Total Truck Trips (PCE):	1	0	1	1	1	1	40
Total Trips	41	5	46	6	35	41	326
TOP 2050 (Business Park)							
Passenger Cars:	71	9	80	9	61	70	508
Total Truck Trips (PCE):	1	1	2	1	1	2	72
Total Trips	71	9	80	9	61	70	508
Net Change							
Passenger Cars:	-31	-4	-35	-4	-27	-30	-222
Total Truck Trips (PCE):	1	0	1	1	1	1	40
Total Trips	**-30**	**-4**	**-34**	**-3**	**-26**	**-29**	**-182**

FINDINGS

The City of Ontario adheres to the County's Transportation Impact Study Guidelines (dated July 9, 2019) which has been used to determine whether additional traffic analysis is necessary for the proposed Project. The San Bernardino County Transportation Authority (SBCTA) Guidelines indicate that projects that generate a net increase of 250 or more two-way peak hour vehicle trips (without pass-by reductions) would require the preparation and submittal of a Transportation Impact Analysis (TIA).

The Project is anticipated to generate fewer than 50 net new peak hour trips during the morning and evening peak hours. The Project on its own, without taking any credit for existing uses, also generates fewer than 250 new peak hour trips (both in actual vehicles and PCE). Lastly, the proposed Project is anticipated to generate fewer trips than the adopted TOP 2050 land use (Business Park). As such, additional peak hour traffic operations analysis is not necessary based on the County's Guidelines.

If you have any questions or comments, I can be reached at cso@urbanxroads.com.

ATTACHMENT A
EXISTING DRIVEWAY COUNTS

TABLE A-1: SUMMARY OF EXISTING COUNT DATA

	AM Peak Hour			PM Peak Hour			
Land Use	In	Out	Total	In	Out	Total	Daily
Tuesday, April 25, 2023							
Passenger Cars:	10	2	12	1	18	19	219
2-axle Trucks:	4	27	31	11	2	13	122
3-axle Trucks:	2	1	3	0	0	0	3
4+-axle Trucks:	0	0	0	0	0	0	0
Total Truck Trips:	6	28	34	11	2	13	125
Total Trips[1]	16	30	46	12	20	32	344
Wednesday, April 26, 2023							
Passenger Cars:	12	14	26	2	14	16	285
2-axle Trucks:	1	12	13	2	1	3	102
3-axle Trucks:	0	0	0	0	0	0	1
4+-axle Trucks:	0	0	0	0	0	0	0
Total Truck Trips:	1	12	13	2	1	3	103
Total Trips[1]	13	26	39	4	15	19	388
Thursday, April 27, 2023							
Passenger Cars:	12	9	21	2	16	18	280
2-axle Trucks:	1	13	14	7	2	9	96
3-axle Trucks:	0	1	1	0	0	0	3
4+-axle Trucks:	0	0	0	0	0	0	0
Total Truck Trips:	1	14	15	7	2	9	99
Total Trips[1]	13	23	36	9	18	27	379
3-Day Average Trip Generation							
Passenger Cars:	11	8	19	2	16	18	261
2-axle Trucks:	2	17	19	7	2	9	107
3-axle Trucks:	1	1	2	0	0	0	2
4+-axle Trucks:	0	0	0	0	0	0	0
Total Truck Trips:	3	18	21	7	2	9	109
Total Trips[1]	**14**	**26**	**40**	**9**	**18**	**27**	**370**

* Note: data is an average of counts collected on April 25 through April 27, 2022.

[1] Total Trips = Passenger Cars + Total Truck Trips.

MEMORANDUM

URBAN CROSSROADS

DATE: May 18, 2023
TO: Nicole Morse, T&B Planning, Inc.
FROM: Alex So, Urban Crossroads, Inc.
JOB NO: 15067-01 VMT

2042 S GROVE VEHICLE MILES TRAVELED (VMT) SCREENING EVALUATION

Urban Crossroads, Inc. is pleased to provide the following Vehicle Miles Traveled (VMT) Screening Evaluation for the 2042 S Grove (**Project**), which is located north of E Philadelphia Street and west of S Grove Avenue in the City of Ontario.

PROJECT OVERVIEW

It is our understanding that the Project is to consist of a 61,867 square foot industrial warehouse building. A preliminary site plan for the proposed Project is found in Attachment A.

BACKGROUND

The California Environmental Quality Act (CEQA) requires all lead agencies to adopt VMT as the measure for identifying transportation impacts for land use projects. To comply with CEQA, in June of 2020 the City of Ontario developed and adopted their own VMT methodologies and thresholds (Resolution No. 2020-071), (**City Guidelines**) (1). This VMT screening evaluation has been developed based on the adopted City Guidelines.

VMT SCREENING

City Guidelines state that a project may be determined to have a less than significant VMT impact and screened out of requiring a project level VMT analysis if it meets at least one of the City's VMT screening criteria. To aid in the screening process, and consistent with thresholds identified in the City Guidelines, the San Bernardino County Transportation Authority (SBCTA) VMT Screening Tool

(**Screening Tool**) was used. The City's adopted VMT screening criteria are listed below and were examined for the Project:

- Transit Priority Area (TPA) Screening
- Low VMT Area
- Low Trip Generating Uses
- Project Type Screening

A land use project need only to meet one of the above screening criteria to be screened from further VMT analysis.

TPA SCREENING

City Guidelines states projects located within a Transit Priority Area (TPA) (i.e., within ½ mile of an existing "major transit stop"[1] or an existing stop along a "high-quality transit corridor"[2]) may be presumed to have a less than significant impact absent substantial evidence to the contrary. However, the presumption may not be appropriate if a project:

- Has a Floor Area Ratio (FAR) of less than 0.75;
- Includes more parking for use by residents, customers, or employees of the project than required by the jurisdiction (if the jurisdiction requires the project to supply parking);
- Is inconsistent with the applicable Sustainable Communities Strategy (as determined by the lead agency, with input from the Metropolitan Planning Organization); or
- Replaces affordable residential units with a smaller number of moderate- or high-income residential units.

The Project is located within a TPA; however, it has an FAR of less than 0.75 and therefore does not meet the secondary screening criteria (See Attachment B).

TPA screening criteria is not met.

LOW VMT AREA SCREENING

City Guidelines states that projects may be presumed to have a less than significant VMT impact if located in an already low VMT generating traffic analysis zone (TAZ). The City Guidelines identifies low VMT generating traffic analysis zones as those that generate a VMT per service population at least 15% below County of San Bernardino Baseline VMT per service population.

The San Bernardino Transportation Analysis Model (SBTAM) has been utilized to determine the existing VMT per service population generated by the TAZ in which the Project is located (TAZ 53663401). TAZ 53663401 was found to generate 54.8 VMT per service population as compared

[1] Pub. Resources Code, § 21064.3 ("'Major transit stop' means 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.").
[2] Pub. Resources Code, § 21155 ("For purposes of this section, a high-quality transit corridor means a corridor with fixed route bus service with service intervals no longer than 15 minutes during peak commute hours.").

to 15% below the County of San Bernardino Baseline or 33.3 VMT per service population. Therefore, the Project is not located in a low VMT generating TAZ.

Low VMT Area Screening criteria is not met.

LOW TRIP GENERATING USES SCREENING

City Guidelines states that land use projects generating 110 or fewer daily vehicle trips are assumed to have a less than significant impact on VMT.

EXISTING TRAFFIC

The site is currently developed with two buildings (office and warehouse) and occupied by a telecommunication company with vehicle maintenance operations on-site (southern building). The northern building is approximately 15,000 square feet (sf) in size and the southern building is approximately 10,000 sf. In an effort to understand the existing traffic associated with the current use, traffic counts were collected at the driveways on April 25 through April 27, 2023 (Tuesday through Thursday). Table 1 summarizes the average existing trip generation based on the count data collected over those three days. As shown in Table 1, the existing site currently generates an average of 370 two-way trips per day.

TABLE 1: EXISTING TRIP GENERATION

	AM Peak Hour			PM Peak Hour			
Land Use	In	Out	Total	In	Out	Total	Daily
Actual Vehicles:							
Existing Use							
Passenger Cars:	11	8	19	2	16	18	261
2-axle Trucks:	2	17	19	7	2	9	107
3-axle Trucks:	1	1	2	0	0	0	2
4+-axle Trucks:	0	0	0	0	0	0	0
Total Trucks:	3	18	21	7	2	9	109
Total Trips (Actual Vehicles)[1]	**14**	**26**	**40**	**9**	**18**	**27**	**370**

[1] Total Trips = Passenger Cars + Truck Trips.

THE ONTARIO PLAN (TOP) 2050

The Ontario Plan (**TOP**) 2050 Environmental Impact Report (**EIR**) (August 2022) designates the Project site with Business Park use. Per the adopted TOP 2050, the Project site could be developed with up to 109,817 square feet of industrial use (assuming a 4.2-acre site and a floor-to-area-ratio of 0.60). Table 2 shows the trip generation rates used for this analysis and are based upon information collected by the Institute of Transportation Engineers (**ITE**) as provided in their Trip Generation Manual (11th Edition, 2021). For purposes of the trip generation assessment, the following ITE land use code and vehicle mix has been utilized for the currently adopted TOP 2050:

- ITE land use code 110 (General Light Industrial) has been used to derive site specific trip

generation estimates for up to 109,817 square feet. A light industrial facility is a free-standing facility devoted to a single use that has an emphasis on activities other than manufacturing. Typically, there is minimum office space. The vehicle mix has been obtained from the ITE's Trip Generation Manual. The truck percentages were further broken down by axle type per the following South Coast Air Quality Management District (**SCAQMD**) recommended truck mix: 2-Axle = 16.7%; 3-Axle = 20.7%; 4+-Axle = 62.6%.

TABLE 2: ITE TRIP GENERATION RATES

Land Use[1]	Units[2]	ITE LU Code	AM Peak Hour In	AM Peak Hour Out	AM Peak Hour Total	PM Peak Hour In	PM Peak Hour Out	PM Peak Hour Total	Daily
Actual Vehicle Trip Generation Rates									
General Light Industrial[3]	TSF	110	**0.651**	**0.089**	**0.740**	**0.091**	**0.559**	**0.650**	**4.870**
Passenger Cars (AM=98.6%, PM=98.5%, Daily=94.9%)			0.645	0.085	0.730	0.086	0.554	0.640	4.620
2-Axle Trucks (AM=0.23%, PM=0.25%, Daily=0.85%)			0.001	0.001	0.002	0.001	0.001	0.002	0.042
3-Axle Trucks (AM=0.29%, PM=0.31%, Daily=1.05%)			0.001	0.001	0.002	0.001	0.001	0.002	0.052
4+-Axle Trucks (AM=0.88%, PM=0.94%, Daily=3.20%)			0.004	0.002	0.006	0.003	0.003	0.006	0.157

[1] Trip Generation & Vehicle Mix Source: Institute of Transportation Engineers (ITE), Trip Generation Manual, Eleventh Edition (2021).

[2] TSF = thousand square feet

[3] Truck Mix: South Coast Air Quality Management District's (SCAQMD) recommended truck mix, by axle type.
Normalized % - Without Cold Storage: 16.7% 2-Axle trucks, 20.7% 3-Axle trucks, 62.6% 4-Axle trucks.

Table 3 shows the trip generation summary based on the above ITE trip generation rates. As shown in Table 3, the site is anticipated to generate a total of 538 two-way trips per day.

TABLE 3: TOP 2050 TRIP GENERATION SUMMARY

Land Use	Quantity	Units[1]	AM Peak Hour In	AM Peak Hour Out	AM Peak Hour Total	PM Peak Hour In	PM Peak Hour Out	PM Peak Hour Total	Daily
Actual Vehicles:									
General Light Industrial	109.817	TSF							
Passenger Cars:			71	9	80	9	61	70	508
2-axle Trucks:			0	0	0	0	0	0	6
3-axle Trucks:			0	0	0	0	0	0	6
4+-axle Trucks:			0	0	0	0	0	0	18
Total Truck Trips (Actual Vehicles):			0	0	0	0	0	0	30
Total Trips (Actual Vehicles)[2]			**71**	**9**	**80**	**9**	**61**	**70**	**538**

[1] TSF = thousand square feet

[2] Total Trips = Passenger Cars + Truck Trips.

PROPOSED PROJECT

The trip generation rates for the proposed Project are based upon information collected by the ITE as provided in their Trip Generation Manual (11th Edition, 2021) for the General Light Industrial (ITE 110) land use category (see Table 2). The Project has been evaluated assuming 61,867 square feet of general light industrial use and the trip generation summary for the proposed Project is shown on Table 4. As shown on Table 4, the proposed Project is anticipated to generate a total of 304 two-way trips per day.

TABLE 4: PROPOSED PROJECT TRIP GENERATION SUMMARY

			AM Peak Hour			PM Peak Hour			
Land Use	Quantity	Units[1]	In	Out	Total	In	Out	Total	Daily
Actual Vehicles:									
General Light Industrial	61.867	TSF							
Passenger Cars:			40	5	45	5	34	39	286
2-axle Trucks:			0	0	0	0	0	0	4
3-axle Trucks:			0	0	0	0	0	0	4
4+-axle Trucks:			0	0	0	0	0	0	10
Total Truck Trips (Actual Vehicles):			0	0	0	0	0	0	18
Total Trips (Actual Vehicles)[2]			**40**	**5**	**45**	**5**	**34**	**39**	**304**

[1] TSF = thousand square feet
[2] Total Trips = Passenger Cars + Truck Trips.

TRIP GENERATION COMPARISON

Table 5 shows the trip generation comparison and the resulting net new trips between the existing and proposed use. As shown in Table 5, the Project is anticipated to generate 66 fewer two-way trips per day.

TABLE 5: TRIP GENERATION COMPARISON – EXISTING VS. PROPOSED PROJECT

	AM Peak Hour			PM Peak Hour			
Land Use	In	Out	Total	In	Out	Total	Daily
Proposed Project							
Passenger Cars:	40	5	45	5	34	39	286
Total Truck Trips (Actual Vehicles):	0	0	0	0	0	0	18
Total Trips	40	5	45	5	34	39	304
Existing							
Passenger Cars:	11	8	19	2	16	18	261
Total Truck Trips (Actual Vehicles):	3	18	21	7	2	9	109
Total Trips	14	26	40	9	18	27	370
Net Change							
Passenger Cars:	29	-3	26	3	18	21	25
Total Truck Trips (Actual Vehicles):	-3	-18	-21	-7	-2	-9	-91
Total Trips	**26**	**-21**	**5**	**-4**	**16**	**12**	**-66**

Table 6 shows the trip generation comparison and resulting net new trips between the adopted TOP 2050 land use and proposed Project. As shown in Table 6, the Project is anticipated to generate 204 fewer two-way trips per day.

TABLE 6: TRIP GENERATION COMPARISON – TOP 2050 VS. PROPOSED PROJECT

	AM Peak Hour			PM Peak Hour			
Land Use	In	Out	Total	In	Out	Total	Daily
Proposed Project							
Passenger Cars:	40	5	45	5	34	39	286
Total Truck Trips (Actual Vehicles):	0	0	0	0	0	0	18
Total Trips	40	5	45	5	34	39	304
TOP 2050 (Business Park)							
Passenger Cars:	71	9	80	9	61	70	508
Total Truck Trips (Actual Vehicles):	0	0	0	0	0	0	30
Total Trips	71	9	80	9	61	70	508
Net Change							
Passenger Cars:	-31	-4	-35	-4	-27	-31	-222
Total Truck Trips (Actual Vehicles):	0	0	0	0	0	0	18
Total Trips	**-31**	**-4**	**-35**	**-4**	**-27**	**-31**	**-204**

As the Project is anticipated to generate 66 fewer two-way trips when compared to the existing use and 204 fewer two-way trips when compared to the TOP 2050. The Project is below the 110 daily vehicle trip threshold in both scenarios.

Low Trip Generating Uses Screening criteria is met.

CONCLUSION

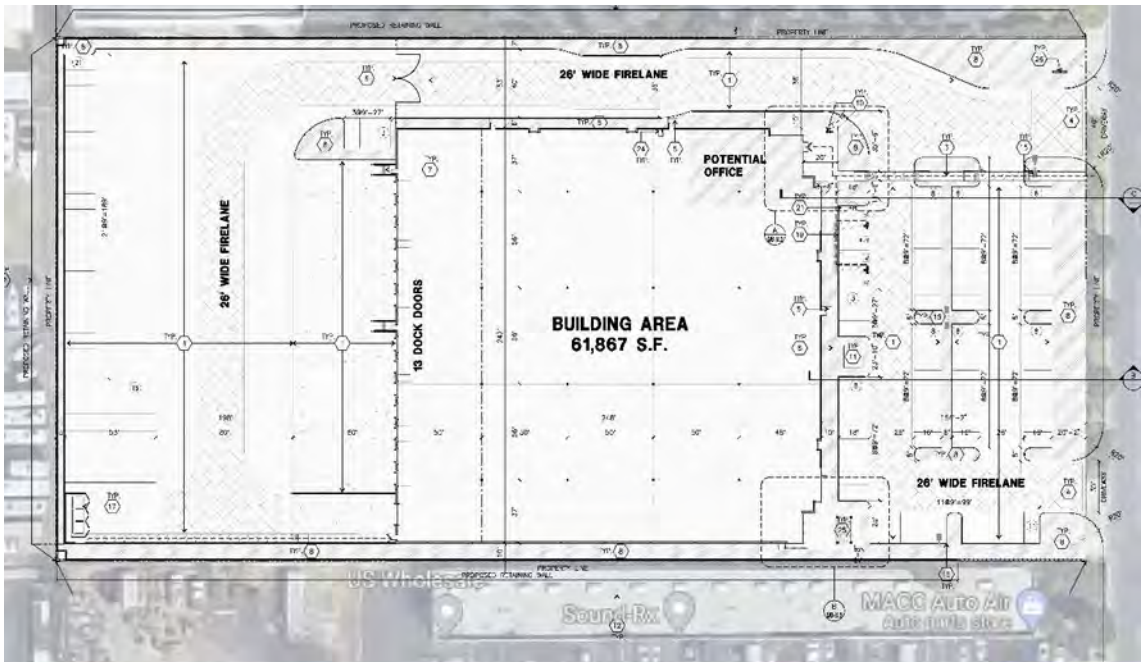
In summary, the Project was evaluated consistent with The City of Ontario's Resolution No. 2020-071 SB 743 VMT Thresholds and was found to meet the Low Trip Generating Uses screening criteria. Therefore, the Project is presumed to have a less than significant impact and no further VMT analysis is required.

If you have any questions, please contact me directly at aso@urbanxroads.com

REFERENCES

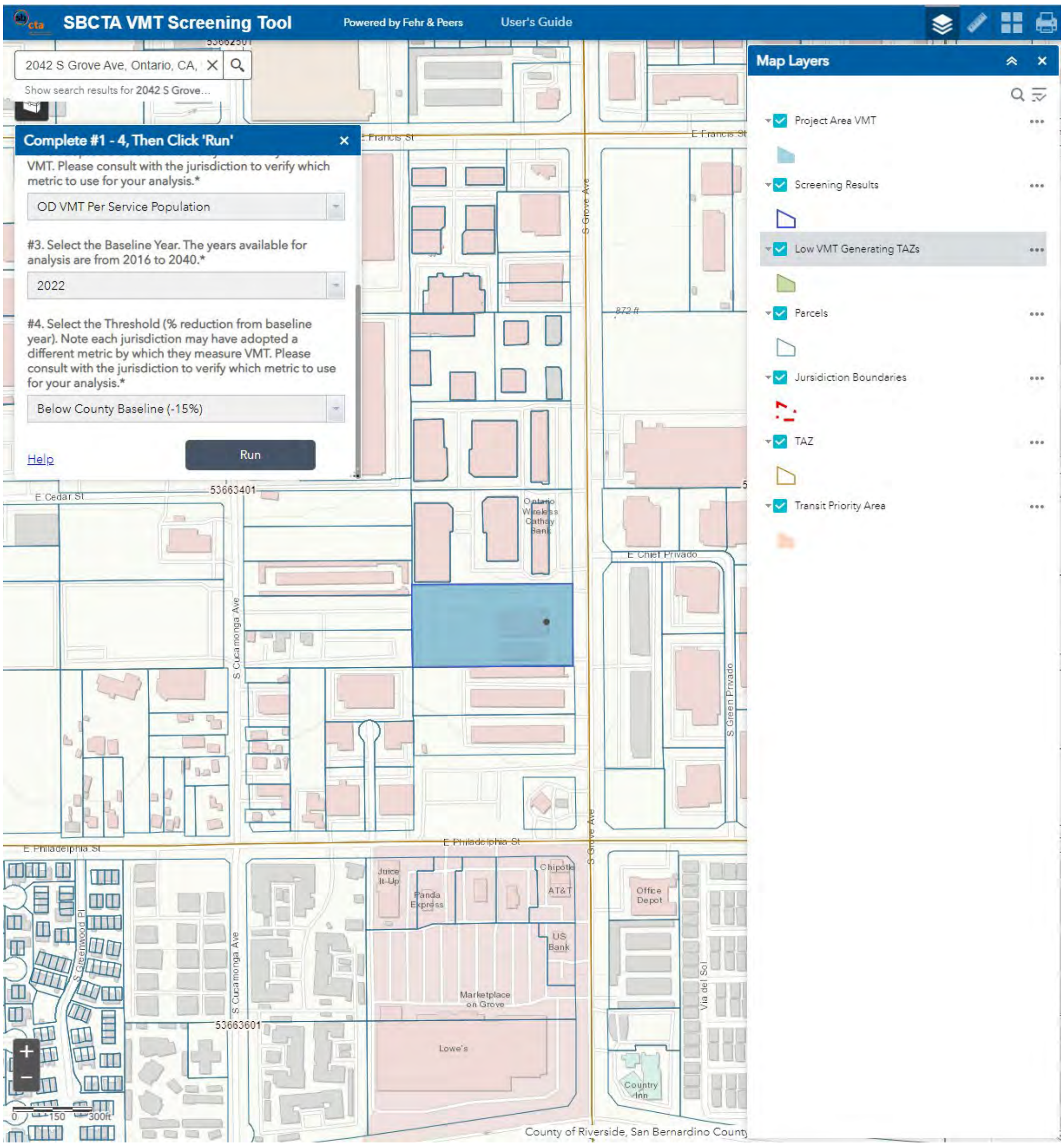
1. **City of Ontario.** *SB 743 VMT Thresholds.* City of Ontario : s.n., June 2020.

ATTACHMENT A
PRELIMINARY SITE PLAN


26' WIDE FIRELANE
POTENTIAL OFFICE
26' WIDE FIRELANE
13 DOCK DOORS
BUILDING AREA
61,867 S.F.
26' WIDE FIRELANE

ATTACHMENT B

TPA/HQTA SCREENING TOOL RESULTS


SBCTA VMT Screening Tool
Powered by Fehr & Peers
User's Guide
2042 S Grove Ave, Ontario, CA,
Show search results for 2042 S Grove...
Complete #1 - 4, Then Click 'Run'
VMT. Please consult with the jurisdiction to verify which metric to use for your analysis.*
OD VMT Per Service Population
#3. Select the Baseline Year. The years available for analysis are from 2016 to 2040.*
2022
#4. Select the Threshold (% reduction from baseline year). Note each jurisdiction may have adopted a different metric by which they measure VMT. Please consult with the jurisdiction to verify which metric to use for your analysis.*
Below County Baseline (-15%)
Help
Run
Map Layers
Project Area VMT
Screening Results
Low VMT Generating TAZs
Parcels
Jurisdiction Boundaries
TAZ
Transit Priority Area
E Francis St
S Grove Ave
E Cedar St
53663401
E Chief Privado
S Cucamonga Ave
S Green Privado
E Philadelphia St
Marketplace on Grove
Lowe's
Office Depot
Country Inn
US Bank
Panda Express
53663601
County of Riverside, San Bernardino County

Phase I Environmental Site Assessment

2042 South Grove Avenue
Ontario, California

December 14, 2022

Prepared for:

First Industrial Realty Trust, Inc., First Industrial, L.P.

Prepared by:

Roux Associates, Inc.
5150 E. Pacific Coast Highway, Suite 450
Long Beach, California, 90804

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Executive Summary

First Industrial Realty Trust, Inc., First Industrial, L.P., First Industrial Acquisitions II, LLC and their affiliates and assigns (FIRT, the User) retained Roux Associates, Inc. (Roux) to perform a Phase I Environmental Site Assessment (ESA) of the property located at 2042 South Grove Avenue, Ontario, California, Assessor's Parcel Number (APN) 105-049-111 (the Subject Property). Roux performed this Phase I ESA in general accordance with the American Society for Testing Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E1527-13) in an effort to identify, to the extent feasible, the presence of recognized environmental conditions (RECs) with respect to the Subject Property as defined in ASTM E1527-13. Exceptions to, or deletions from, this practice are described in Section 8.1 of this report. It is noted that this Phase I ESA was also performed in general accordance with the updated ASTM E1527-21 Standard. For purposes of this report, all future references to ASTM E1527-13 also meet the requirements of the updated ASTM E1527-21 Standard and vice versa.

The Subject Property consists of a 4.2-acre parcel located in the City of Ontario, San Bernardino County, California (Figures 1 and 2). Based on a review of available resources, the Subject Property was undeveloped prior to 1933. By 1933, the Subject Property had been developed with a single residential structure. By 1946, the remainder of the Subject Property had been cultivated for agricultural purposes (orchard) along with the surrounding properties. The Subject Property remained agricultural until 1966. According to the GTE General Telephone Company of California, the Subject Property was occupied by "MGROVE LUMBER/BUILDING" and "MSUPERIOR CONSTRUCTIN" and operated as a lumberyard (storage, no processing) in 1985. This was confirmed by Mr. Hector Alvarez, the current yard manager, during the site reconnaissance of the Subject Property. The South Coast Air Quality Management District (SCAQMD) issued a permit to operate (ID 9007543) for a gasoline storage and dispensing facility for the former tenant, Grove Lumber & Building Supplies, on October 6, 1981. By 1985, the Subject Property was developed with two buildings, the present-day main building and another building to the south, and associated asphalt-parking areas. At this time, the exterior western lot was used as storage for lumber and construction material. By 1990, the exterior storage appears to extend to the immediately north property, which ceased by 1994. Based on records from San Bernardino County Fire Department (SBCFD), two 1,000-gallon underground storage tanks (USTs) (gasoline and diesel) were removed in August 1990. Results of confirmation soil sampling following removal of the USTs revealed no detectable concentrations of total petroleum hydrocarbons (TPH), and the SBCFD subsequently issued a No Further Action (NFA) letter in 1991. The City of Ontario issued a building permit for the installation of a 4,500 square foot storage area in May 1999. By 2002, the previous southern building had been demolished and replaced with the present-day secondary building, likely associated with the storage area building permit issued in 1999. It is noted the western and southern portion of the Subject Property also appeared unpaved by 2002, consistent with the present-day storage area for excavated material generated off-site. According to Ms. Kristin Jimenez, the general manager of the current tenant, HHS Construction has occupied the Subject Property since June 2009. By 2012, the exterior western lot was used to store vehicles and other material, consistent with present-day operations.

On March 2, 2022, and August 29, 2022, Roux visually assessed the Subject Property during the Subject Property reconnaissance for potential RECs, including, but not limited to, potential USTs, aboveground storage tanks (ASTs), polychlorinated biphenyl (PCB)-containing equipment, hazardous materials storage or handling areas, containerized or bulk wastes, and visual indications of impacted soil.

Roux also performed a records review in an effort to identify RECs in connection with the Subject Property. This records review addressed the Subject Property and surrounding properties. Roux reviewed commercially available records associated with the Subject Property and nearby properties to assess potential concerns associated with the migration of hazardous substances. The records review also included reasonably ascertainable historical data, which can be helpful in identifying the past uses of the Subject Property and surrounding areas, as it may relate to the environmental condition of the Subject Property.

Roux performed interviews and/or file reviews with various government agencies and other parties with possible knowledge of the Subject Property and surrounding properties in an effort to identify current and past uses of the Subject Property and surrounding areas, as they may relate to the environmental condition of the Subject Property.

ASTM E 1527-13 defines a Recognized Environmental Condition (REC) as:

> "The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions."

A Controlled Recognized Environmental Condition (cREC) as:

> "A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

And a Historical Recognized Environmental Condition (hREC) as:

> "A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a *recognized* environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition."

The term recognized environmental condition is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

This Executive Summary provides a brief overview of the findings of this Phase I ESA. Although the Executive Summary is an integral part of a report, it does not substitute for reading the entire report or the

appended or referenced documents in order to fully understand the findings and potential environmental concerns associated with the Subject Property.

Recognized Environmental Conditions (RECs)

Roux did not identify known or suspected RECs in connection with the current and historical operations at the Subject Property.

Controlled Recognized Environmental Conditions (cRECs)

Roux did not identify known or suspected cRECs in connection with the current and historical operations at the Subject Property.

Historical Recognized Environmental Conditions (hRECs)

Roux did not identify known or suspected hRECs in connection with the current and historical operations at the Subject Property.

1. Introduction

Roux Associates, Inc. (Roux) completed this Phase I Environmental Site Assessment (ESA) of the commercial property located at 2042 South Grove Avenue, Ontario, California (the Subject Property). The Subject Property location is shown in Figure 1 and the Subject Property and vicinity is shown in Figure 2. Roux performed this Phase I ESA in compliance with the scope and limitations of American Society for Testing Materials (ASTM) E1527-13 and the terms and conditions of Roux' proposal dated July 15, 2022. It is noted that this Phase I ESA was also performed in general accordance with the updated ASTM E1527-21 Standard. For purposes of this report, all future references to ASTM E1527-13 also meet the requirements of the updated ASTM E1527-21 Standard and vice versa. Roux conducted this Phase I ESA for the benefit of First Industrial Realty Trust, Inc., First Industrial, L.P., First Industrial Acquisitions II, LLC and their affiliates and assigns (FIRT, the User).

The following sections of this report present our Phase I ESA findings and conclusions. A glossary containing terms and definitions presented in ASTM E1527-13 is included in Appendix A – Glossary of Terms. Other appendices presented at the end of the report include historical topographic maps, historical aerial photographs, regulatory records review documentation, applicable historical records, and personnel qualifications.

1.1 Purpose

The purpose of this Phase I ESA is to identify and report, to the extent feasible, recognized environmental conditions (RECs) with respect to the Subject Property. Performing a Phase I ESA in general compliance with ASTM E 1527-13 may enable a User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability. That is, the practice that constitutes one of the requirements for "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in 42 USC Section 9601(35) (B).

1.2 Scope of Services

The scope of services for this Phase I ESA included, but was not limited to, the activities listed below.

- A review of reasonably ascertainable and practicably reviewable topographic maps, historical aerial photographs, and city directories, if available, to investigate past Subject Property conditions;
- A review of specific government lists pursuant to ASTM Standard E 1527-13 regarding environmental activities for the Subject Property and local area properties;
- A review of recorded land title records, building, assessors, and fire department records, for permits, citations, and reports connected to the Subject Property that were reasonably ascertainable, practicably reviewable, and publicly available within reasonable time and cost;
- An inspection by an environmental professional to investigate the current use of the Subject Property and to identify environmental concerns including but not limited to, the presence of hazardous substances or petroleum products, wastes, underground storage tanks (USTs), aboveground storage tanks (ASTs), or other environmental concerns;

- Interviews with available representatives of the owner of the Subject Property, occupants, and local government officials by an environmental professional; and

- Preparation of this Phase I ESA report.

Roux initiated this Phase I ESA pursuant to receipt of written authorization to proceed on July 15, 2022.

1.3 Standard of Care

Roux conducted this Phase I ESA using a defined scope of services considered appropriate and agreed upon by all parties on the date the service was authorized, unless the scope of services or the methods used were later modified, in writing, and accepted by all parties prior to performance. Roux conducted this Phase I ESA in accordance with generally accepted practices in a manner consistent with that level of care exercised by other members of our profession in the same locality and under similar conditions of time and accessibility of improvements and information. No other representations, expressed or implied, and no warranty or guarantee is included or intended to be part of this Phase I ESA.

Please note that the scope of services performed in execution of this assessment may not be appropriate to satisfy the needs of other parties. We, therefore, are not responsible for independent conclusions, opinions, or recommendations of others based on our assessment. Furthermore, this Phase I ESA relates to the environmental conditions of the Subject Property and does not address issues raised in transactions such as business risk, purchase of business entities, or interests therein, or of their assets, that may well involve environmental liabilities pertaining to properties previously owned or operated or other offsite liabilities.

Additionally, the findings of this Phase I ESA are based on Roux' observations, inquiries, and historical research using reasonably ascertainable and practically reviewable information obtained within reasonable time and cost constraints. Roux does not represent that this Phase I ESA is an exhaustive investigation that reflects the findings of all of the information available for the Subject Property, nor is it representative of future Subject Property conditions. If additional information is generated from the Subject Property, it should be provided to Roux so that we may evaluate its impact on our conclusions. As such, activities or episodes that transpire subsequent to this Phase I ESA are not considered in this assessment. It is not intended that a Phase I ESA in accordance with ASTM E1527-13 be an exhaustive assessment of a property nor can it wholly eliminate uncertainty regarding the potential for *recognized environmental conditions* in connection with a property.

1.4 Assumptions

This Phase I ESA Report, including the exhibits attached hereto, describes the results of Roux' investigation to identify the presence of *recognized environmental conditions* connected with the Subject Property in accordance with ASTM E1527-13, as allowed by and consistent with the regulatory requirements of the All Appropriate Inquiry Rule, 40 CFR Part 312, Amendment to Standards and Practices for All Appropriate Inquires Under CERCLA, Final Rule, published December 30, 2013 (AAI Rule). Specifically, the preamble to the amended AAI Rule states:

> *The Environmental Protection Agency (EPA) today is taking final action to amend the standards and practices for conducting all appropriate inquiries under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) to reference a standard practice recently made available by ASTM International, a widely recognized standards development organization. Specifically, this final*

rule amends the ''All Appropriate Inquiries Rule'' at 40 CFR Part 312 to reference ASTM International's E1527–13 ''Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process'' and make clear that persons conducting all appropriate inquiries may use the procedures included in this standard to comply with the All Appropriate Inquiries Rule[1].

One of the requirements that a person acquiring real property must meet in order to qualify for either the innocent landowner, contiguous owner, or bona fide prospective purchaser (collectively hereinafter "Prospective Purchaser") defense to liability under the federal Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986, and the Small Business Liability Relief and Brownfields' Revitalization Act of 2002, 42 U.S.C. 9601-9675 (collectively referred to hereafter as "CERCLA") is that person must conduct all appropriate inquiries into the previous ownership and uses of the property in conformance with the AAI Rule (or the ASTM E1527-13) prior to acquisition of the property. The User has acknowledged that, under the AAI Rule, Roux' performance of this Phase I ESA in accordance with ASTM E1527-13 will not alone result in the User satisfying all requirements of the AAI Rule and will not in itself provide a defense to CERCLA liability. The User has acknowledged that the AAI Rule also requires that the Prospective Purchaser undertake certain additional inquiries and post-acquisition activities to satisfy the CERCLA AAI requirements. Accordingly, Roux makes no guarantees or warranties, expressed or implied, regarding this Phase I ESA, including without limitation, that this Phase I ESA will qualify the User for a defense to CERCLA liability.

Roux has performed this Phase I ESA in a professional manner using that degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. Professional judgments expressed herein are based on the facts currently available to Roux.

The AAI Rule requires, and the conclusions and recommendations stated herein represent, the application of a variety of engineering and technical disciplines to material facts and conditions associated with the Subject Property. As such, these conclusions and recommendations are based on subjective interpretations and the exercise of discretion based on the facts available to Roux and conditions at the time of the performance of this Phase I ESA. Many of these facts and conditions are subject to change over time. Accordingly, the conclusions and recommendations must be considered within this context.

The User has agreed that Roux shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time this Phase I ESA was performed. To the extent practicable, Roux has identified data gaps, and has evaluated the potential significance of such data gaps. Recommendations to address those data gaps are presented herein and are based on the data available at the time of the performance of this Phase I ESA. Implementation of the recommendations may not fully address the data gaps, and the information obtained from execution of those recommendations may alter and/or modify the interpretation of the Subject Property conditions and conclusions, herein. This Phase I ESA does not include consideration of matters specifically excluded by ASTM E1527-13, including but not limited to, asbestos-containing building materials, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, and mold unless specifically identified herein.

[1] Federal Register: December 30, 2013 (Volume 78, Number 250) Page 79319

It is noted that Roux may be relying, in part, on information presented by others, often in preliminary, draft, or verbal form. By referencing this information, Roux does not accept responsibility for the accuracy of the underlying data, sampling methods, laboratory analysis, or documentation.

This Phase I ESA Report should not be considered a legal interpretation of existing environmental laws and regulations. This Phase I ESA was conducted with a reasonable degree of inquiry to identify *recognized environmental conditions*, but uncertainty is not eliminated. No Phase I ESA can wholly eliminate uncertainty regarding the potential for *recognized environmental conditions* in connection with a property. The Phase I ESA process is intended to reduce, but not eliminate, the uncertainty involved with identifying *recognized environmental conditions*.

This Phase I ESA Report is not an appraisal or value judgment of the Subject Property. The User has agreed that Roux shall not be liable for any use of this Phase I ESA Report as an appraisal or value judgment of the Subject Property.

This Phase I ESA Report has been prepared for the exclusive use of the User for specific application to the Subject Property covered by this Phase I ESA Report. The User has agreed that any third-party use of this Phase I ESA Report, upon disclosure by the User, is the sole responsibility and at the sole liability of the User.

1.5 User Reliance

No additional parties may use the information contained in this report without obtaining the written permission of Roux or the User. Roux' duties and obligations extend to the User and to no other party. Roux' duties and obligations to the User are not transferable to persons, corporations, or organizations without the express written consent of the User and Roux. The User may rely upon the information provided in this Phase I ESA report for a period of 180 days from the date of issue. After 180 days, this Phase I ESA should be updated in accordance with ASTM guidance. Roux will not be liable for any consequential damages arising from the use of this report for other than its intended purpose, for use of this report beyond 180 days of its issue date, or from unauthorized use by third parties.

This Phase I ESA report must be read and interpreted as a whole and can only be considered representative of the conditions of the Subject Property as of the date of our site reconnaissance described herein. Roux makes no representation whatsoever concerning the condition of the Subject Property beyond the date of our site reconnaissance described herein. Individual sections and appendices of this report are dependent on the balance of this report, and on the terms, conditions, and stipulations contained in the proposal and written amendments accepted by Roux.

2. Subject Property Description

2.1 Subject Property Location and Description

Subject Property Information	
Street Address(es)	2042 South Grove Avenue
City	City of Ontario
County	San Bernardino
State	California
Location	West of South Grove Avenue. Northwest of the nearest intersection, East Philadelphia Street and South Grove Avenue
Assessor's Parcel Number (APN)	105-049-111
Subject Property Acreage (per San Bernardino County Assessor Website)	4.2 acres
Subject Property Occupant(s)	HHS Communications
Onsite Operations	Office space and warehouse for a telecommunication company with vehicle maintenance operations on-site (southern building), excavated material generated off-site is temporarily staged along the western and southern boundary of the Subject Property.
Description of Onsite Structures	Two single-story wood-frame stucco buildings, each with a mezzanine, and designated asphalt-paved parking areas.
Subject Property Paving	Majority asphalt paving. Land along the western and southern boundary of the Subject Property is unpaved.
Subject Property Grading	Graded to drain at a gentle slope roughly oriented west to east. There is a drainage culvert along the northern portion (running west-east) that directs stormwater to the front of the property towards the northeast where the drainage culvert (now running north-south) directs stormwater towards the southwest corner.
Subject Property Vicinity	Light industrial and commercial

Refer to Section 5.0 for a detailed description of the current condition of the Subject Property and operations.

2.2 Vicinity General Characteristics

The facilities and improvements which are located immediately adjacent to the Subject Property are provided in the following table.

Direction from Subject Property	Improvements / Use (Addresses)
North	Commercial building (2000 South Grove Avenue) occupied by multiple tenants (Priority Workforce, Suite 110; Farmers Insurance, Suite 108a; KCAL Insurance Agency, Suite 107); Bearings & Drives, Inc (unknown unit).

Direction from Subject Property	Improvements / Use (Addresses)
East	South Grove Avenue, followed by a commercial building (2131 South Grove Avenue) occupied by multiple tenants (Core Staffing Solutions, Suite C; Back to Health Veterinary Services, Suite F; ISEC Inc, Suite J).
West	Cox Boat & RV Storage, 2019 South Cucamonga Avenue
South	Multi-tenant commercial building, 2124 South Grove Avenue; occupied by Macc Auto Air Compressor, Q-Tek Precision and Services, Tech Industrial Machining Corp, and US Wholesale

2.3 Past Use of the Subject Property

Roux performed a review of historical sources including topographic maps (Appendix B), aerial photographs (Appendix C), fire insurance Sanborn maps (Appendix D), and city directories (Appendix E), obtained from Environmental Data Resources, Inc. (EDR). Roux also reviewed building permits obtained from the City of San Bernardino that provided pertinent information on past Subject Property use (Appendix H).

Based on a review of available resources, the Subject Property was undeveloped prior to 1933. By 1933, the Subject Property had been developed with a single residential structure. By 1946, the remainder of the Subject Property had been cultivated for agricultural purposes (orchard) along with the surrounding properties. The Subject Property remained agricultural until 1966. According to the GTE General Telephone Company of California, the Subject Property was occupied by "MGROVE LUMBER/BUILDING" and "MSUPERIOR CONSTRUCTIN" and operated as a lumberyard (storage, no processing) in 1985. This was confirmed by Mr. Hector Alvarez, the current yard manager, during the Subject Property reconnaissance of the Subject Property. The South Coast Air Quality Management District (SCAQMD) issued a permit to operate (ID 9007543) for a gasoline storage and dispensing facility for the former tenant, Grove Lumber & Building Supplies, on October 6, 1981. By 1985, the Subject Property was developed with two buildings, the present-day main building and another building to the south, and associated asphalt-parking areas. At this time, the exterior western lot was used as storage for lumber and construction material. By 1990, the exterior storage appears to extend to the immediately north property, which ceased by 1994. Based on records from San Bernardino County Fire Department (SBCFD), two 1,000-gallon underground storage tanks (USTs) (gasoline and diesel) were removed in August 1990. Results of confirmation soil sampling following removal of the USTs revealed no detectable concentrations of total petroleum hydrocarbons (TPH), and the SBCFD subsequently issued a No Further Action (NFA) letter in 1991. The City of Ontario issued a building permit for the installation of a 4,500 square foot storage area in May 1999. By 2002, the previous southern building had been demolished and replaced with the present-day secondary building, likely associated with the storage area building permit issued in 1999. It is noted the western and southern portion of the Subject Property also appeared unpaved by 2002, consistent with the present-day storage area for excavated material generated off-site. According to Ms. Kristin Jimenez, the general manager of the current tenant, HHS Construction has occupied the Subject Property since June 2009. By 2012, the exterior western lot was used to store vehicles and other material, consistent with present-day operations.

2.4 Physical Setting

Roux obtained and reviewed published, reasonably ascertainable information concerning the physical setting of the Subject Property. The following is a summary of the information reviewed from those physical setting sources.

Physical Setting Summary	
United States Geological Survey (USGS) Topographic Map	Ontario and Guasti, California Quadrangle
Approximate Subject Property Elevation / Source	850 to 860 feet above mean sea level (msl) / Ontario and Guasti, California (2018) 7.5-minute quadrangle topographic map published by the USGS
Nearest Surface Water Features / Approximate Distance	Three water retention basins / 0.6 miles east of the Subject Property
Regional Geology / Source	Quaternary deposits: alluvium, lake, playa and terrace, consolidated and semi-consolidated / California Department of Conservation, 2010 Geologic Map of California
Subject Property Topography / Source	Generally flat with a gradual slope to the east / Subject Property observation and USGS topographic map
Hydrogeological Region / Source	Located along the southwestern portion of the Bunker Hill Basin, which consists of alluvial deposits of silt, gravel, and boulders interspersed with lenticular deposits of sit and sand.
Depth to Groundwater / Source	Groundwater data for the Subject Property was not identified. However, two nearby facilities reported depth to groundwater. Greater than 100 feet bgs / LUST case closure for a facility approximately 0.45 miles northeast of the Subject Property (San Bernardino County Fire Department, Hazardous Materials Division, 1997) Approximately 270 to 295 feet bgs / LUST case closure for a facility approximately 1.87 miles east-southeast of the Subject Property (San Bernardino County Fire Department, 2000)
Groundwater Gradient Direction / Source	West-southwest
Onsite Soil	Soils encountered at the Subject Property were generally comprised of sand and sandy silt, fine to medium in size, with trace silt and occasional gravel. The Subject Property soils were dry to moist and ranged in color from light olive brown, light yellow brown to dark yellow brown. In general, Roux observed no visual (i.e., staining, oily material) or olfactory indications of contamination (Roux, FIRT Ontario Phase II Report, 2022)

3. Sources of Information

Sources of information utilized in preparing this Phase I ESA report included historical topographic maps; historical aerial photographs; a walkover survey of the Subject Property and adjoining properties; in-person discussions with User and tenant personnel; a review of records available at selected local and state regulatory agencies; a review of databases maintained by local, state, and federal government agencies; and other records available from commercial and online sources.

3.1 Historical Sources

To help understand the history of the Subject Property and past land uses, historical sources were obtained from Environmental Data Resources, Inc. (EDR), of Shelton, Connecticut. The sources and locations within the Appendices are provided in the table below.

EDR Historical Sources		
Historical Range	**Source**	**Appendix**
1897-2019	U.S. Geological Survey Topographic Maps	B
1938-2016	EDR Aerial Photographs “Decade Package”	C
No Available Coverage	EDR “Certified Sanborn® Map Report”	D
1960-2017	EDR “City Directory Image Report”	E

3.2 Subject Property Reconnaissance

On March 2, 2022, and August 29, 2022, Roux personnel conducted a reconnaissance of the Subject Property, including the interiors of all of the buildings. The second reconnaissance was completed to investigate potential changes that might have occurred with Subject Property conditions since the initial inspection in order to finalize/update the Phase I ESA report with information collected within the past 180-days. During the Subject Property reconnaissance, Roux representatives Mr. Peter Shimer, Mrs. Rocio Quinones, Ms. Angela Truong, and Ms. Ashley Whitaker were able to access all areas of the Subject Property at the time of the reconnaissance. The observations made during the Subject Property reconnaissance are discussed in Section 5.0 and throughout the report. A photographic log of the Subject Property reconnaissance is included as Appendix G.

3.3 Regulatory Agencies

Roux contacted governmental agencies for reasonably ascertainable information concerning environmental conditions at the Subject Property. Roux contacted or reviewed information from the agencies provided in the following table. Refer to Appendix H – Pertinent Historical Documentation for copies of the records reviewed. A summary of the information gathered from the regulatory agencies is provided in the table and details regarding the records were incorporated into applicable sections as noted.

Agency	Date Requested / Accessed	Response Date	Description of Records	Section Discussed
Federal				
U.S. Environmental Protection Agency (EPA) – FOIAonline	2/25/2022 and 8/17/2022	3/4/2022 and 9/6/2022	USEPA responded that no records were associated with the Subject Property and referred to the EPA MyProperty database, discussed below.	N/A
U.S EPA MyProperty Database	2/25/2022 and 8/29/2022	N/A	No records were associated with the Subject Property.	N/A
U.S. EPA Envirofacts	2/25/2022 and 8/29/2022	N/A	One listing, HHS Construction, associated with the Subject Property was identified. Information obtained from Envirofacts is duplicative of subsequent information discussed below in Sections 3 and 7.	N/A
National Pipeline Mapping System (NPMS) Online Database	2/25/2022 and 8/26/2022	N/A	There is no pipeline mapped within 1,000 feet of the Subject Property. An active non-HVL product pipeline (ID 18092) runs east to west along East Holt Avenue, which is approximately 1.85 miles north of the Subject Property.	N/A
EPA Enforcement and Compliance History Online (ECHO) Database	2/25/2022 and 8/29/2022	N/A	One listing, HHS Construction, associated with the Subject Property was identified. Information obtained from the ECHO database is duplicative of subsequent information discussed below in Sections 3 and 7.	N/A

Agency	Date Requested / Accessed	Response Date	Description of Records	Section Discussed
State				
State Water Resources Control Board (SWRCB): GeoTracker Online Database	2/25/2022 and 8/26/2022	N/A	There were no release cases associated with the Subject Property. One release case was associated within 1,000 feet of the Subject Property. This nearby facility, *ARCO #5252* (T0607100430), is listed as a completed LUST case closed as of January 13, 1998. One open – verification monitoring case, General Electric Co – Jet Engine Test Cell Facility, is approximately 1.82 miles northeast of the Subject Property.	3.3.1
SWRCB: Storm Water Multiple Application and Report Tracking System (SMARTS) Online Database	2/25/2022 and 8/29/2022	N/A	Two operators, HHS Construction and Grove Lumber & Hardware, associated with the Subject Property were identified. Records included an inspection report and a terminated waste discharge permit.	3.3.2
Department of Toxic Substances Control (DTSC)	2/25/2022 and 8/17/2022	3/1/2022 and 8/19/2022	No records were associated with the Subject Property.	N/A
DTSC Chatsworth Office	2/25/2022 and 8/17/2022	3/1/2022 and 8/19/2022	One record of an inspection for treated wood waste in 2017 is associated with the Subject Property.	3.3.3
DTSC: EnviroStor Online Database	2/25/2022 and 8/26/2022	N/A	No records were associated with the Subject Property. No listings were identified within 1,000 feet of the Subject Property.	N/A
DTSC: Hazardous Waste Tracking System (HWTS) Online Database	2/25/2022 and 8/29/2022	N/A	Three (3) documents tracked the types and quantities of hazardous waste transported off the Subject Property for disposal in 2016, 2017, and 2019. The small quantity wastes were limited to flammable liquids (gasoline/diesel), asphalt emulsion, and latex paint. No chlorinated solvents were noted in any of the records.	N/A
California Air Resources Board (CARB)	2/25/2022 and 8/17/2022	3/1/2022 and 8/18/2022	No records were associated with the Subject Property.	N/A

Agency	Date Requested / Accessed	Response Date	Description of Records	Section Discussed
California Office of Environmental Health Hazard Assessment (OEHHA)	2/25/2022 and 8/17/2022	3/8/2022 and 9/1/2022	No records were associated with the Subject Property.	N/A
California EPA (CalEPA)	2/25/2022 and 8/29/2022	N/A	One listing, HHS Construction Inc., associated with the Subject Property was identified.	3.3.4
CalEPA CalRecycle	2/25/2022 and 8/17/2022	3/4/2022 and 8/30/2022	No records were associated with the Subject Property.	N/A
CalEPA CalRecycle Solid Waste Information System (SWIS) Online Database	2/25/2022 and 8/26/2022	N/A	No records were associated with the Subject Property. The nearest SWIS facility is the Caltrans Ontario Maintenance Station, which is an active solid waste operation facility with no reported areas of concern or violations.	N/A
State of California Department of Conservation: Geological Energy Management (CalGEM) Online Database	2/25/2022 and 8/26/2022	N/A	There are no wells mapped on the Subject Property and none within a one mile radius. The Subject Property is not located within a methane zone.	N/A
State of California Department of Conservation: Department of Mines Online Database	2/25/2022 and 8/26/2022	N/A	There are no mines located at or within 1,000 feet of the Subject Property.	N/A
County / Regional				
Santa Ana Regional Water Quality Control Board (SARWQCB)	2/25/2022 and 8/17/2022	3/4/2022 and 8/29/2022	The SA RWQCB notified Roux that records associated with the Subject Property can be accessed via the SWRCB: SMARTS online database. See the section above.	N/A
South Coast Air Quality Management District (SCAQMD)	2/25/2022 and 8/17/2022	3/4/2022 and 8/19/2022	Records identified for the Subject Property included two inactive permits for Grove Lumber & Bldg Supplies.	3.3.5
SCAQMD Facility Information Detail (FIND) Online Database	2/25/2022 and 9/1/2022	N/A	Records identified for the Subject Property included two inactive permits for Grove Lumber & Bldg Supplies. See above.	3.3.5

Agency	Date Requested / Accessed	Response Date	Description of Records	Section Discussed
San Bernardino County Building and Safety	N/A	N/A	Previous correspondence indicated the San Bernardino County Building and Safety office notified Roux that the Subject Property is outside of their service area and deferred Roux to the City of Ontario.	N/A
San Bernardino County Environmental Health Services (EHS)	2/25/2022 and 8/17/2022	3/4/2022 and 8/25/2022	No records were associated with the Subject Property.	N/A
San Bernardino County Fire Department (SBCFD)	2/28/2022 and 8/17/2022	3/9/2022 and 8/22/2022	Records identified for the Subject Property included regulatory files for HHS Construction, Inc. and for Wells Fargo Bank/Grove Lumber, including a permit to remove USTs in August 1990, sampling data, and an associated No Further Action (NFA) letter in October 1991.	3.3.6
San Bernardino County Clerk	2/28/2022 and 8/17/2022	3/1/2022 and 8/18/2022	The San Bernardino County Clerk notified Roux that their office does not maintain records for the Subject Property.	N/A
City / Local				
City of Ontario Clerk	3/1/2022 and 8/17/2022	3/11/2022 and 8/29/2022	Records identified for the Subject Property included a stormwater inspection, a temporary certificate of occupancy and building permits from May 1999 through November 2010.	3.3.7

3.3.1 State Water Resources Control Board (SWRCB): GeoTracker Online Database

One off-site listing, ARCO #5252, located at 2156 South Grove Avenue, approximately 680 feet south of the Subject Property, is a completed – case closed as of January 13, 1998. According to the GeoTracker case (T0607100430), soil at this facility was impacted with gasoline. No additional information was provided. Given the case closure, reported impacts to soil only, and the distance/down to cross-gradient location of the facility to the Subject Property, the ARCO #5252 facility does not represent a REC to the Subject Property.

Another off-site listing, General Electric Co – Jet Engine Test Cell Facility, located at 2264 East Avion Street, approximately 1.82 miles northeast of the Subject Property, is an open – verification monitoring case as of February 5, 2010. According to the GeoTracker case (SL208133868), the facility has operated as an aircraft engine facility since 1965. Subsurface investigations have identified VOCs, specifically trichloroethene (TCE) as the primary chemical of concern (COC). Remedial efforts include a soil vapor extraction (SVE) system with a total of 23 SVE wells, from 1996 through 2005 and groundwater monitoring since 1991. Based on the Fourth Quarter 2021 Groundwater Monitoring Report, dated January 24, 2022, the nearest groundwater monitoring well (OW-11) is located approximately 300 feet southeast of the eastern boundary of the Subject Property. The OW-11 groundwater monitoring well was installed in the intermediate zone with a screen depth of 323.50 to 333.40 feet bgs and has a TCE concentration of 2.2 micrograms per liter (µg/L; Wood, 2022), below the maximum contaminant level (MCL) of 5 µg/L. It is noted that no evidence has been identified indicating that current or historical operations at the Subject Property have contributed to the regional groundwater contamination plume.

In April 2022, Roux implemented a Phase II subsurface investigation at the Subject Property to assess the presence of VOCs in groundwater in close proximity to the Subject Property and possible lateral and vertical migration posing a potential vapor intrusion concern. Refer to Section 6.0. Given the results of the Phase II, the regional groundwater plume is not a REC and considered to be a de minimis condition for purposes of this Phase I ESA.

3.3.2 SWRBC: Storm Water Multiple Application and Report Tracking System (SMARTS) Online Database

According to a terminated waste discharge permit (WDID 8 36I020048) with a status date of February 09, 2009, Grove Lumber & Hardware associated with the Subject Property address operated as a special product sawmills. The United States Department of Labor Occupational Safety and Health Administration (OHSA) SIC Manual described “special product sawmills” as Mills primarily engaged in manufacturing excelsior, wood shingles, and cooperage stock; and in sawing special products, not elsewhere classified.” The exact type of lumber-related operations conducted at the Subject Property are unknown.

On December 7, 2021, the SA RWQCB conducted an inspection of the HHS Construction telecommunication operations (current Subject Property tenant). According to the inspection report, material from off-site trenching and excavation activities to install fiber optic cables, including dirt, asphalt, and concrete, are brought back to the Subject Property and staged at the back portion of the Subject Property. The report indicates these materials are disposed off-site approximately three to four times annually. Once the asphalt or concrete cap is removed from the street during off-site construction work, water jets are reportedly used for further trenching and excavation to ensure no water or natural gas pipes are impacted. The water used for this purpose originates from a fire hydrant located at the Subject Property and is transported to the construction sites by water truck. Vacuum trucks are used to contain the water from the excavations, which is then reportedly transferred to a small, temporary pond on the western portion of the Subject Property to

infiltrate and evaporate. The temporary pond was constructed by building dirt berms to contain the water and prevent run-off. According to the inspection report, no sheen or other suspect conditions were observed. The inspector also noted that surface water was not observed to run off-site, and an industrial general permit is not required for the Subject Property. In April 2022, Roux implemented a Phase II subsurface investigation at the Subject Property to assess the unknown conditions of off-site material and excavation water stored at the Subject Property. Refer to Section 6.0. Given the results of the Phase II, the staged material and excavation water originating off-site are not a REC and considered to be a de minimis condition for purposes of this Phase I ESA.

3.3.3 Department of Toxic Substances Control (DTSC)

On September 13, 2017, the DTSC conducted an inspection in regard to treated wood waste (TWW) stored on the Subject Property. According to the inspection report, the TWW consisted only of utility telephone poles removed from service, which were subsequently disposed in an approved landfill. No violations of hazardous waste laws, regulations, and requirements were discovered at the time of the inspection.

3.3.4 California EPA (CalEPA)

The current tenant, HHS Construction Inc., is identified as a power and communication line and related structures construction operation and has been listed as a hazardous waste generator (ID 10476988) and chemical storage facility (ID 10476988) since January 7, 2014. From January 2017 through March 2020, a total of 14 violations were issued. The violations were generally related to the failure to label hazardous waste containers, outdated hazardous material inventory lists, or administrative in nature. All violations have since achieved compliance, and no violations indicative of a release were reported. Chemical storage was reportedly limited to small quantities of waste solids, used oil filters (drained), propane, isobutylenated phenol phosphate, motor oil, ethylene glycol, diesel fuel, and degreaser (non-chlorinated). No use of chlorinated solvents was referenced.

3.3.5 SCAQMD Facility Information Detail (FIND) Online Database

The former tenant, Grove Lumber & Bldg Supplies (ID 33836), maintained two permits that are now inactive: (1) a service station storage and dispensing gasoline and (2) amine (or diethanolamine) regeneration. The permit to operate for a two-nozzle gasoline storage and dispensing facility (ID 9007543) was issued on October 6, 1981 and expired October 1, 1982. No additional permit information was provided for the second permit. No notices of violations were reported. According to records provided for the SBCFD, the Subject Property housed two 1,000-gallon gasoline and diesel USTs, which were removed on August 1,1990. Refer to Section 3.3.6.

3.3.6 San Bernardino County Fire Department (SBCFD)

The current tenant, HHS Construction, Inc., is an active permit facility (FA0015264, CERS ID 10476988) with two permits: (1) hazardous materials, 4-10 chemicals handler and (2) small quantity generator. Expired permits from 2014 through 2016 were identified. The SBCFD conducted multiple California Unified Program Agency (CUPA) Compliance Inspections from December 2013 through March 2020. Reported violations were generally administrative in nature or included incomplete hazardous waste labels, improper storage of hazardous waste containers (left open when unused), and unreported hazardous material stored at the Subject Property. All violations have since achieved compliance, and no violations indicative of a release were reported. SBCFD inventory of hazardous substances and petroleum products used/stored at the Subject Property between 2013 and 2020 generally consisted of new/used oils, waste antifreeze, waste oily

solids, diesel exhaust fluid, drained used oil filters, acetone, diesel fuel, degreaser (non-chlorinated), and compressed gases (acetylene, oxygen, argon, nitrogen, propane).

The former tenant, Wells Fargo Bank/Grove Lumber, is an inactive permit and/or non-permit facility (no facility or establishment number was provided). According to the SBCFD documents, a permit application was submitted for one 1,000-gallon gasoline UST and one 1,000-gallon diesel UST at the Subject Property. The USTs were single walled and constructed with steel/iron. A permit application to remove the two USTs was submitted on July 30, 1990. Following UST removal on August 1, 1990, one soil confirmation sample was collected approximately 2 feet beneath each UST (approximately 11 feet bgs). No odors or deteriorating tank conditions were reported in the field inspection form. The sample collected beneath the gasoline UST was analyzed for gasoline by United States Environmental Protection Agency (USEPA) Method 8015 and 8020, and the sample collected beneath the diesel UST was analyzed for diesel by USEPA Method 8015. Soil confirmation results reported concentrations below laboratory reporting limits (<0.3 milligrams per kilogram (mg/kg) for gasoline, <10 mg/kg for diesel). The SBCFD issued a no further action (NFA) letter on October 25, 1991. In April 2022, Roux implemented a Phase II subsurface investigation at the Subject Property to assess the former gasoline and diesel USTs. Refer to Section 6.0. Given that the basis on which the USTs received closure (non-detect sample results and NFA letter), coupled with the results of the Phase II, the former USTs are not a REC in the context of this Phase I ESA.

3.3.7 City of Ontario City Clerk

The City of Ontario conducted a routine commercial facility stormwater inspection at the Subject Property in association with HHS Construction in May 2021 with no actions required.

A temporary certificate of occupancy was issued by the City of Ontario for the former tenant, Grove Lumber Company, dated June 1988. In addition, multiple building permits were identified, as summarized below:

Year	Description
2042 South Grove Avenue, Ontario, CA 91761	
May 1999	Permit for the addition of a 4,500 square foot storage area
March 2000	Permit for the installation of signage
March 2002	Permit for grading/stockpile of up to 18,000 cubic yards of material
July 2009	Permit for roofing
August 2009	Permit for stucco walls of building

3.4 Government Databases

To document potential sources of contamination at or near the Subject Property, a government records search was conducted by EDR. The search included local, state, and federal records for the Subject Property and for other properties within ASTM-standard distances of the Subject Property. The records search is summarized in Section 7.0 and a copy of "The EDR Radius Map™ Report with GeoCheck®," dated August 25, 2022, is included in its entirety as Appendix F.

3.5 Interviews

On August 29, 2022, Roux interviewed the Subject Property yard supervisor, Mr. Hector Alvarez, in-person regarding the history of the Subject Property. Mr. Alvarez has been associated with the Subject Property since 2019. Mr. Alvarez confirmed that only dirt, gravel, and asphalt are brought onto the Subject Property for temporary storage; however, Mr. Alvarez indicated that the soil brought onto the Subject Property is not tested in any way prior to being brought on-site. Additionally, Mr. Alvarez notified Roux that automobiles were occasionally washed on the Subject Property.

3.6 User Provided Information

ASTM E1527-13 provides that the User perform certain tasks. The purpose of this section is to present select User-provided information that can assist in identifying possible *recognized environmental conditions* in connection with the Subject Property. According to ASTM E1527-13, these tasks do not require the technical expertise of an environmental professional and the environmental professional generally does not perform these tasks. Roux administered a questionnaire to the User at the beginning of this Phase I ESA to assist them with these tasks. The following sections outline the parts of the questionnaire that the User completed.

3.6.1 Environmental Liens or Activity and Use Limitations

The User indicated that they have no knowledge regarding environmental liens or activity and use limitations (engineering/institutional controls) with respect to the Subject Property.

3.6.2 Specialized Knowledge

The User did not report any specialized knowledge related to the Subject Property outside of information ascertained by the previous work completed by Roux as documented throughout this report.

3.6.3 Valuation Reduction for Environmental Issues

The User indicated that they have no knowledge regarding valuation reduction for environmental issues.

3.6.4 Commonly Known or Reasonably Ascertainable Information

The User did not have any knowledge regarding commonly known or reasonable ascertainable information about the Subject Property not otherwise addressed.

3.6.5 Obvious Indicators of the Presence or Likely Presence of Contamination of the Subject Property

The User did not have any knowledge regarding obvious indicators of the presence or likely presence of contamination of the Subject Property not otherwise addressed.

4. Subject Property History

This section documents the history of the Subject Property and describes current conditions and existing or former environmental features.

4.1 Subject Property History

The history of the Subject Property and, to a lesser extent, the surrounding area, including previous land use, has been compiled based on information from the exhaustive list of sources provided in Section 3.

Summary of Historical Sources				
Decade	**Year**	**Source**	Subject Property **Description**	**Vicinity Description**
Predevelopment History				
Pre-1900	1897	Historical Topographic Map: Cucamonga (15-minute)	The Subject Property location is undeveloped.	The vicinity is undeveloped with the exception of a northwest-southwest trending road immediately to the northeast. The *R.R. Chino Branch* railroad, trending north-south appears to be approximately 0.8 miles west of the Subject Property. A second railroad line, identified as *Narrow Gauge R.R.*, appears to be approximately 1.5 miles west of the Subject Property.
1900s	1900	Historical Topographic Map: Cucamonga (15-minute)	No significant changes from prior history.	No significant changes from prior history.
	1903	Historical Topographic Map: Cucamonga (15-minute)	No significant changes from prior history.	No significant changes from prior history.
1910s	No available records.			
1920s	No available records.			

Summary of Historical Sources				
Decade	**Year**	**Source**	Subject Property **Description**	**Vicinity Description**
Agricultural Development History				
1930s	1933	Historical Topographic Map: Ontario (7.5-minute)	The Subject Property is developed with one residential structure in the southeastern corner.	The eastern half of the topographic map is not mapped. The western vicinity is developed with the present-day surface street network, including South Grove Avenue immediately east of the Subject Property. The *R.R. Chino Branch* railroad is no longer depicted and the *Narrow Gauge R.R.* is no longer labeled. An area located approximately 1.25 miles northwest of the Subject Property is labeled "Gas Tanks." Further northwest is a *U P* railroad, trending northwest-southwest.
	1938	EDR Aerial Photograph	The Subject Property is developed with one residential structure in the southeastern corner.	Surrounding properties in the Subject Property vicinity are agricultural or undeveloped.
1940s	1941/1942	Historical Topographical Map: Ontario and Vicinity, Guasti Vicinity (7.5-minute)	No significant changes from prior history.	The eastern half of the topographical map is now mapped. Parallel to the *U.P.* railroad appears to be the 60 Freeway. The former "Gas Tanks" area is no longer labeled approximately 1.25 miles to the northwest.
	1944	Historical Topographical Map: Cucamonga (15-minute)	No significant changes from prior history.	The *Narrow Gauge R.R.* is no longer depicted. Indicated by the orchard vegetation symbols, surrounding properties in the Subject Property vicinity are agricultural. Indicated by the red shading, the area approximately 1.5 miles northeast of the Subject Property is densely built-up.
	1946	EDR Aerial Photograph	Consistent with previous topographical maps, the Subject Property is developed with one residential structure in the southeastern corner. The remainder of the Subject Property is used for agriculture based on the orchard features.	No significant changes from prior history.
	1948	EDR Aerial Photograph	No significant changes from prior history.	No significant changes from prior history.

Summary of Historical Sources				
Decade	**Year**	**Source**	Subject Property **Description**	**Vicinity Description**
1950s	1953	EDR Aerial Photograph	No significant changes from prior history.	No significant changes from prior history.
	1953/1954	Historical Topographic Map: Ontario, Guasti (7.5-minute)	Indicated by the orchard vegetation symbols, the Subject Property is agricultural. The residential structure in the southeastern corner is no longer depicted.	An area located approximately 1 mile northwest of the Subject Property is labeled "Sewage Disposal." Another area located approximately 1.25 miles southeast of the Subject Property is labeled "Ontario-Upland Sewage Disposal." The present-day Ontario International Airport is depicted immediately north of the *U.P.* railroad and the 60 Freeway located more than 1.25 miles away from the Subject Property. Well symbols are also depicted in the vicinity of the Subject Property with the nearest being 0.5 miles to the northeast.
	1954	EDR Aerial Photograph	No significant changes from prior history.	No significant changes from prior history.
1960s	1966	EDR Aerial Photograph	The residential structure in the southeastern corner remains visible, contrary to the previous topographic map. The orchard features are no longer visible, indicating the ceased agricultural operations.	No significant changes from prior history.
	1966/1967	Historical Topographic Map: Ontario, Guasti (7.5-minute)	The previous orchard vegetation symbols are no longer depicted.	The areas with orchard vegetation symbols have decreased significantly. Percolation basins are depicted approximately 0.5 miles east of the Subject Property. The present-day Whispering Lakes Golf Course is depicted approximately 1.6 miles southeast of the Subject Property, including several ponds.
1970s	1973	Historical Topographic Map: Ontario, Guasti (7.5-minute)	No significant changes from prior history.	An aqueduct is depicted approximately 1.2 miles southwest of the Subject Property. The former 60 Freeway to the north is no longer labeled, and the present-day 60 Freeway located approximately 0.4 miles south of the Subject Property is depicted.

Summary of Historical Sources				
Decade	**Year**	**Source**	Subject Property **Description**	**Vicinity Description**
	1975	EDR Aerial Photograph	No significant changes from prior history.	Consistent with previous topographic map, the present-day 60 Freeway appears to be developed to the south.
	1976	Historical Topographic Map: Ontario (15-mintue)	No significant changes from prior history.	Indicated by the red shading, the areas to the west and southeast of the Subject Property are densely built-up.
Commercial/Industrial Development History				
1980s	1980	EDR City Directory	According to GTE General Telephone Company of California, the Subject Property was occupied by "MGROVE LUMBER/BUILDING" and "MSUPERIOR CONSTRUCTIN"	N/A
	1981	Historical Topographic Map: Ontario, Guasti (7.5-minute)	No significant changes from prior history.	No significant changes from prior history.
		SCAQMD	A permit to operate (ID 9007543) for a "gasoline storage and dispensing facility, 02 nozzles" was issued for Grove Lumber & Building Supplies on October 6, 1981.	N/A
	1985	EDR City Directory	According to GTE, the Subject Property was occupied by "GROVE LUMBER/BUILDING," "L & J CONSTR INC," and "SUPERIOR CONSTRUCTIN."	N/A
		EDR Aerial Photograph	The previous residential structure in the southeastern corner is no longer present. The Subject Property is developed with the present-day main building and associated asphalt-parking paved areas. Another building is visible south of the main building. The exterior western lot is used as storage, likely associated with the former lumberyard operations.	The property immediately south is developed with the present-day commercial buildings. Residential neighborhoods are visible further to the south.
	1989/1990/1994	EDR Aerial Photograph	No significant changes from prior history.	No significant changes from prior history; however, the exterior storage on the Subject Property appears to extend to the immediately north property, which ceased by 1994..

Summary of Historical Sources				
Decade	**Year**	**Source**	Subject Property **Description**	**Vicinity Description**
	1999	City of Ontario Building Permit	The City of Ontario issued a permit for a 4,500 square foot storage area.	N/A
2000s	2002	EDR Aerial Photograph	The present-day main building remains visible at the Subject Property. The previous southern building appears to have been demolished and replaced with the present-day secondary building, likely associated with the 1999 City of Ontario Building Permit for the 4,500 square foot storage area. The exterior western lot is used for storing material, likely associated with the former lumberyard operations. The western and southern portion of the Subject Property appears to be unpaved, similar to the present-day staging area.	The property to the immediate east is developed with the present-day commercial buildings. Further commercial development is depicted to the north.
	2006	EDR Aerial Photograph	No significant changes from prior history.	The property to the immediate north is developed with the present-day commercial buildings.
	2008	EDR City Directory	According to Haines Company, Inc., the Subject Property was occupied by "GROVE LUMBER & HARDWARE." This is the last record of the former lumberyard operations.	N/A
	2009	EDR Aerial Photograph	No significant changes from prior history.	Further commercial development is visible to the south.
2010s	2012	EDR Aerial Photograph	The Subject Property appears to no longer store lumber material in the exterior western lot. It appears vehicles and miscellaneous material is stored.	No significant changes from prior history.
		Historical Topographic Map: Ontario (7.5-minute)	No significant changes from prior history.	A fire station is depicted approximately 0.5 miles northeast of the Subject Property.
	2015	Historical Topographic Map: Ontario (7.5-minute)	No significant changes from prior history.	No significant changes from prior history.
	2016	EDR Aerial Photograph	No significant changes from prior history.	No significant changes from prior history.

Summary of Historical Sources				
Decade	**Year**	**Source**	Subject Property **Description**	**Vicinity Description**
	2017	EDR City Directory	According to Cole Hidden Information Services, the Subject Property was occupied by "HHS COMMUNICATIONS."	N/A
	2018	Historical Topographic Map: Ontario (7.5-minute)	No significant changes from prior history.	No significant changes from prior history.

Historical Agricultural Use

According to historical sources, the Subject Property was used for agricultural purposes (orchard) as early as 1946 through 1966. In April 2022, Roux implemented a Phase II subsurface investigation at the Subject Property to assess the former agricultural use. No organochlorine pesticides were detected above laboratory reporting limits, and no metals were detected above regional background concentrations and/or regulatory screening criteria. Refer to Section 6.0. The historical agricultural use of the Subject Property is therefore not considered a REC in the context of this Phase I ESA.

5. Current Subject Property Conditions

Roux representatives conducted a reconnaissance of the Subject Property and surrounding areas on March 2, 2022, and August 29, 2022. The second reconnaissance was completed to investigate potential changes that might have occurred with Subject Property conditions since the initial inspection in order to finalize/update the Phase I ESA report with information collected within the past 180-days. During the Subject Property visits, Roux representatives Mr. Peter Shimer, Mrs. Rocio Quinones, Ms. Angela Truong, and Ms. Ashley Whitaker met with Mr. Hector Alvarez, the current yard supervisor of the Subject Property. Roux also visually and/or physically observed adjoining properties from reasonably accessible locations on the Subject Property and public thoroughfares. During the Subject Property reconnaissance on March 2, 2022, the weather was mostly sunny, and the temperature was approximately 72° Fahrenheit. During the Subject Property reconnaissance on August 29, 2022, the weather was sunny, and the temperature was approximately 84° Fahrenheit. The following sections summarize observations during the inspections. Roux documented the Subject Property Reconnaissance with photographs which are provided in Appendix G.

5.1 Subject Property Reconnaissance

The Subject Property is occupied by HHS Construction, a telecommunications company that installs telecommunication utilities above- and below-ground, which require excavation and trenching for installation of fiber optic cables. According to Mr. Hector Alvarez, the Subject Property formerly operated as a lumberyard. The Subject Property is accessible from the east along South Grove Avenue. The majority of the Subject Property is occupied by two buildings, each constructed with a mezzanine, (a main building used as an office space with warehouse storage and a secondary building used for vehicle maintenance with additional warehouse storage) and asphalt- and concrete-pavement in all areas with the exception of an unpaved area along the western and southern boundary. The two buildings are wood-frame construction with stucco walls.

Material for construction, including asphalt and gravel, and material generated off-site from excavation and trenching activities are temporarily staged at the unpaved area along the western and southern boundary. The eastern portion of the main building is an office space with a mezzanine that contains a reception area, cubicles, offices, a kitchen/break room, a printing area, a file room, and a conference room. The western portion of the main building is used for storage of supplies and material associated with the telecommunication operations (cables, wires, innerduct, lubricant for pulling wires) as well as household cleaning supplies (hand soap, surface cleaners, disinfectants) for the office space.

The secondary building houses an aboveground hydraulic lift and three ASTs used to store used oil/mixed oil, diesel, and motor oil for vehicle maintenance. According to a May 1999 building permit from the City of Ontario, a permit was issued for the construction of a 4,500 square foot storage area, which is likely associated with this secondary building as it first appeared in the 2002 EDR Aerial Photograph. The historical operations of this secondary building from its initial construction after 1999 to the known present-day operations of HHS Construction are unknown, including when the aboveground hydraulic lift and ASTs were installed. However, given the type/nature of the permit, it is presumed the building has predominantly been used for minor storage. The exterior western lot stages large quantities of telecommunication supplies and material, as well as wooden utility poles, vehicles, and PVC pipes.

The office spaces of the main building are carpeted with tile flooring in the reception area; concrete pavement within the remaining areas of both buildings appeared to be in good condition with limited cracking. Isolated

areas of de minimis staining were observed in the secondary vehicle maintenance building and the exterior western lot. The concrete/asphalt was observed in good condition with no cracking or drains in the isolated areas where the de minimis staining was noted.

5.2 Phase I ESA Observations

During the Subject Property reconnaissance, Roux personnel attempt to identify any environmental features that may be relevant in the context of the Phase I ESA. The features identified are summarized in the table below. Any such features are discussed in the following subsections.

Feature	Observed on the Subject Property	Observed on an Adjacent Property
Areas of stressed vegetation		
Areas which receive flood or storm water from potentially contaminated areas		
Air Compressor Vent Discharges		
Chemical Storage and/or Use	X	
Drainage Swales and Culverts	X	
Discharge Areas		
Discolored or Spill Areas	X	
Drums (55 Gallons or Larger)	X	
Electrical Transformers	X	
Former Agricultural Applied Pesticide Area		
Hydraulic Lifts	X	
Incinerators		
Landfills or Landfarms		
Loading and Unloading Areas		
Non-Contact Cooling Water Discharge		
Oil-Water Separator(s)		
Open Areas Away from Production Areas		
Process Area Sinks and Piping	X	
Rail Cars/Railroad Spurs		
Septic Systems Leach Fields or Seepage Pits		
Silos		
Sprayfields		

Feature	Observed on the Subject Property	Observed on an Adjacent Property
Staged/Stockpiled Material	X	
Storm Sewer and Spill Containment Collection System		
Storm Water Detention Pond		
Surface Impoundments and Lagoons		
Underground / Aboveground Storage Tanks and Associated Piping	X	
Waste Piles		
Wells		

5.2.1 Chemical Storage and Usage

During the site reconnaissance of the Subject Property, Roux observed a chemical storage area within the main building's warehouse. Chemicals stored in this area included household cleaning supplies, such as hand soap, surface cleaners, and disinfectants. As part of the tenant's telecommunication and vehicle maintenance operations, other chemicals stored on the Subject Property (mainly within the secondary vehicle maintenance building) included lubricants used for pulling wires, striping paint and 5-gallon paint containers, enamel, sealants, asphalt emulsion, propane tanks, products associated with vehicle maintenance (i.e., petroleum-based degreasers, antifreeze, used and empty gasoline containers), and waste and clean oil (see Photo G-6). No use, storage, or disposal of chlorinated solvents was identified at the Subject Property. In general, Roux observed that the facility maintained proper housekeeping protocols (i.e., spill kits, use of oil pans, and orderly storage) of chemical containers; however, Roux did observe the lack of secondary containment and proper labels for all chemicals and also observed isolated areas of de minimis surface staining throughout the Subject Property. Refer to Section 5.2.3.

5.2.2 Drainage Swales and Culvers

Roux observed the beginning of a drainage culvert in the northeast portion of the Subject Property, running east for approximately 150 feet, then south for approximately 240 feet, until it connected to the drainage swale that ran along the southern boundary, and discharged to a drainage swale in the southeast corner on South Grove Avenue. The drainage swale appeared to be covered with debris (soil and loose leaves). No surface staining was observed at the drainage swale.

5.2.3 Discolored or Spill Areas

Isolated areas of de minimis staining were observed beneath several vehicles throughout the exterior western lot (see Photo G-18). Additional areas of isolated de minimis staining were observed in the vicinity of and within the secondary vehicle maintenance building. Notably, three areas of staining were observed near (1) the aboveground hydraulic lift, (2) the hazardous material storage area within the secondary building where oil may have been spilled, and (3) the area immediately outside the secondary building. No cracks or drains were observed in these areas. Given the known vehicle maintenance operations at the Subject Property and the ASTs used to store used oil/mixed oil, diesel, and motor oil in the secondary building, coupled with the

results of the Phase II subsurface investigation implemented at the Subject Property by Roux in April 2022 (refer to Section 6.0), the areas of staining are not a REC and considered to be a de minimis condition for the purposes of this Phase I ESA.

5.2.4 Drums (55-gallons or larger) and Storage Containers

During the site reconnaissance of the Subject Property, Roux observed approximately ten 55-gallons drums within and in the vicinity of the secondary vehicle maintenance building. Most of these drums have been used but are currently empty. Other drums were used to store waste oil, used oil filters, and oily rags. Some drums were dual-contained, while others were placed directly on the concrete slab (see Photos G-12 and G-13).

5.2.5 Electrical Transformers

Roux observed one pad-mounted electrical transformer situated in the soil of a planter in the southeastern portion of the Subject Property (see Photo G-1). No staining was observed at the base of the electrical transformer. Absent additional documentation, it remains possible that the electrical transformer may have contained PCBs. No evidence was found during the Subject Property reconnaissance or records review indicating a release associated with the on-site transformer.

5.2.6 Hydraulic Lifts

During the site reconnaissance of the Subject Property, Roux observed one aboveground hydraulic lift located in the secondary vehicle maintenance building (see Photo G-7). The lift appeared to be in good condition. Areas of de minimis staining were observed in the vicinity of the hydraulic lift; however, it is likely the staining was due to vehicle maintenance operations, not due to a release from the aboveground hydraulic lift. No cracks or drains were observed in the vicinity. Refer to Section 5.2.3.

5.2.7 Staged/Stockpiled Material

During the site reconnaissance of the Subject Property, Roux observed a staging area in the exterior western lot. According to Mr. Hector Alvarez, the yard supervisor, materials including dirt, asphalt, and concrete are generated from trenching and excavation activities during the installation of fiber optic cables off-site (see Photos G-15 and G-16). The excavated material is brought back to the Subject Property and temporarily stored until sufficient volume of material is met for off-site disposal. In April 2022, Roux implemented a Phase II subsurface investigation at the Subject Property to assess the unknown conditions of off-site material stored at the Subject Property. Refer to Section 6.0. Given the results of the Phase II, the staged material originating off-site is not a REC and considered to be a de minimis condition in the context of this Phase I ESA.

5.2.8 Process Area Sinks or Piping

During the site reconnaissance of the Subject Property, Roux observed a parts washing unit, approximately 25-gallon capacity, located in the secondary building (Photo G-9). This parts washing is constructed of heavy duty HDPE material and is used to clean parts of oil and grease. The type of cleaning agents utilized by this unit is unknown, but Roux observed no evidence of chlorinated solvent use. Areas of de minimis staining were observed in the vicinity of the parts washing unit, but did not appear to be specifically associated with the feature. No cracks or drains were observed in the vicinity.

5.2.9 Underground / Aboveground Storage Tanks and Associated Piping

During the site reconnaissance of the Subject Property, Roux observed three ASTs in the secondary building: (1) 240-gallon used oil/waste oil, (2) 240-gallon diesel fuel, and (3) 120-gallon motor oil (see Photos G-8 and G-13). The 240-gallon used oil/waste oil AST was equipped with secondary containment with an emergency vent. The 240-gallon diesel fuel and 120-gallon motor oil ASTs were situated on the concrete pavement without secondary containment. Areas of de minimis staining were observed in the vicinity of the 240-gallon used oil/waste oil and 240-gallon diesel fuel ASTs; however, no significant signs of a release were observed, and no cracks or drains were observed in the vicinity. Refer to section 5.2.3.

5.3 Non-ASTM Services

5.3.1 Mold Screening

Molds, including toxic molds, are funguses that can grow on such diverse materials as wood, carpet, insulation, cloth, and all types of food. Mold thrives in damp, moist, or wet surroundings, frequently in areas where humans exist. Molds typically reproduce through their spores, which are released into the air and land on moist organic materials. They are often identifiable based on their appearance, the discoloration they cause, and odors.

While Roux is not qualified to identify mold, the conditions of the structures observed did not appear to promote the presence of mold.

5.3.2 Wetlands Screening

A wetlands screening is included in the report prepared by LSA Associates, Inc. (LSA) issued under separate cover.

5.3.3 Asbestos Containing Material Survey

An asbestos-containing materials (ACM) survey was conducted by Titan Environmental. Results of this survey are included in the report prepared by Titan and issued under separate cover.

5.3.4 Lead-Based Paint Survey

A lead-based paint (LBP) survey was conducted by Titan Environmental. Results of this survey are included in the report prepared by Titan and issued under separate cover.

5.3.5 Species, Ecological, Cultural & Historic Resources

Specifies, ecological, cultural and historical resources surveys were conducted by LSA and PaleoWest and are issued under separate cover.

5.3.6 PFAS & Emerging Contaminants

Based on a review of available information, historical operations, and chemical usage at the Subject Property, no release, likely release, or material threat of release of per- and polyfluoroalkyl substances (PFAS) has been identified. Based on a review of information collected throughout the preparation of this Phase I ESA, no potential PFAS containing materials have been used at the Subject Property. A review of surrounding property listings did not identify any documented or likely impacts that are likely to affect subsurface conditions at the Subject Property.

5.4 Vapor Intrusion

Roux performed a Phase II subsurface investigation and human health risk assessment at the Subject Property. Refer to Section 6.0. Based on the results of the investigations, there are no vapor intrusion concerns at the Subject Property above carcinogenic or non-carcinogenic thresholds.

6. Summary of Key Previous Investigations

The following sections provide a summary of previous environmental investigations at the Subject Property. Previous environmental investigation reports are included in Appendix I.

6.1 Phase II Subsurface Investigation Report (Roux, 2022)

Based on the preliminary findings of the subject Phase I ESA, Roux performed a concurrent Phase II subsurface investigation at the Subject Property. The findings of Roux' Phase II Subsurface Investigation are summarized in a *Phase II Subsurface Investigation* Report, dated December 12, 2022 (see Appendix I for a full copy of the report). The Phase II was conducted to assess the following:

- Staged Material Originating Off-Site.
- Historical Agricultural Use.
- Former Gasoline and Diesel USTs.
- Potential for Vapor Intrusion.

In addition to the above, Roux conducted the Phase II subsurface investigation to establish baseline conditions at the Subject Property. The investigation consisted of: (1) advancement of 10 soil borings via hand auger and direct push drill rig to depths of 5 to 25 feet below ground surface (bgs), and (2) installation and sampling of dual-nested soil vapor probes at seven locations at depths between 5 and 20 feet bgs.

A total of 31 soil samples (including 3 duplicate samples) were collected and analyzed for total petroleum hydrocarbons (TPH), Title 22 metals, polychlorinated biphenyls (PCBs), organochlorine pesticides (OCPs), VOCs, and asbestos. A total of 15 soil vapor samples (including 1 duplicate sample) were collected and analyzed for VOCs.

Based on results of the Phase II, Roux concluded the following:

- VOCs, metals, PCBs, OCPs, and asbestos were not considered to be COPCs in soil.
- Limited detections of TPH in the diesel and motor oil ranges were found in shallow soil throughout the staging area on the western portion. Roux notes that TPH is not regulated by the SA RWQCB, and there are no screening levels or regulatory cleanup objectives for TPH with jurisdiction over the Subject Property. These soils could be removed as non-hazardous waste or evaluated for Subject Property wide blending during grading, depending on geotechnical analysis. Roux understands that the shallow soil in the staging area will be excavated and disposed of off-site in accordance with applicable regulations during future Subject Property redevelopment activities.
- Several VOCs were detected in soil vapor above laboratory reporting limits (RLs) but below applicable screening levels (SLs), with the exception of tetrachloroethylene (PCE) in two samples. The two detections at 86 µg/m^3 and 210 µg/m^3, using a very conservative 0.03 attenuation factor, exceeded the commercial/industrial DTSC Air SL of 67 µg/m^3 but did not exceed the USEPA Regional Screening Level (RSL) of 1,567 µg/m^3. It is noted that no potential source of PCE or other chlorinated solvents was identified in association with current or historical Subject Property operations.

Roux recommended performing a Human Health Risk Assessment (HHRA) to quantify the current and future risk from vapor intrusion of volatile compounds.

6.2 Human Health Risk Assessment (Roux, 2022)

The objective of the HHRA was to provide a conservative evaluation of the potential risk to indoor commercial/industrial workers from exposure to chemicals detected in the soil vapor at the Subject Property in April 2022. Roux' HHRA consisted of four components: (1) evaluation of exposure pathways, (2) evaluation of exposure to COPCs and exposure point concerns, (3) evaluation of chemical toxicity, and (4) risk characterization. These components focused on assessing the following: (1) staged material originating off-site, (2) historical agricultural use, (3) former gasoline and diesel USTs, and (4) potential for vapor intrusion.

The HHRA calculated the estimated risks associated with the presence of COPCs where exposure pathways are considered potentially complete. Roux concluded soil vapor intrusion into indoor air was considered a potentially complete future exposure pathway. Groundwater/Surface water was not considered a completed future exposure pathway. A soil pathway was not considered for a quantitative evaluation as part of the limited HHRA. Cancer risk and non-Cancer Hazards were also evaluated. Based on the results of the HHRA, Roux concluded that the cumulative carcinogenic risk and non-carcinogenic hazard to human receptors for commercial/industrial indoor air scenarios at the Subject Property are within acceptable ranges. As such, vapor intrusion mitigation is not warranted.

Given the results and conclusions of the Phase II and HHRA performed by Roux, none of the findings targeted for investigation are considered RECs in the context of this Phase I ESA. The HHRA is also included in Appendix I.

7. Database Records Review

7.1 Standard Environmental Record Sources

According to ASTM Standard E1527-13, the purpose of reviewing regulatory records is to obtain and review records that will help identify *recognized environmental conditions* in connection with the Subject Property. In addition, some records to be reviewed pertain not only to the Subject Property, but also to properties within an additional "approximate minimum search distance" in order to help assess the likelihood of problems from migrating hazardous substances or petroleum products. The basis of the "approximate minimum search distance" is the Subject Property boundary.

Roux retained EDR of Shelton, Connecticut to provide an ASTM Radius Map Report (EDR Report) for this Subject Property. This report is a computerized search of select state and federal environmental databases that identify various properties with a record of environmental activity. Roux reviewed the report and summarized the relevant findings in the following sections. A copy of the compiled EDR Report has been included as Appendix F. The EDR Report includes a detailed description of each of the databases searched, providing a summary of the type of information provided by each. A summary of Roux' review of the EDR Report listings is provided in Table 1.

The following section describes the findings of the database search. Roux used professional judgement in determining which EDR-listed sites to include in the narrative of this report. Facilities adjoining the Subject Property were generally included due to their proximity to the Subject Property and the potential for surface water discharges (e.g., storm water runoff, surface water effluent discharges) to enter the Subject Property or through the migration of groundwater. Sites with listings indicative of a release (e.g., SHWS, LUST, RELEASE) are likewise discussed below. Adjacent and nonadjacent facilities with database listings not necessarily indicative of a release (hazardous waste generator, FINDS, ECHO, NPDES, HAZNET, AST, UST, etc.) will not be discussed unless considered potentially relevant in context of the Phase I ESA. Any facility or database listing not discussed in the narrative of this report was determined not to be a REC to the Subject Property based on several factors including the nature of the reported information, distance of the off-site listed property from the Subject Property, orientation of the listed property relative to the Subject Property, direction of groundwater flow, and/or regulatory case status information.

7.1.1 Subject Property (Target Property)

Address	Owner/Operator	Database
2042 South Grove Avenue	Grove Lumber & Hardware	CIWQS
	HHS Construction	HAULERS, RCRA NONGEN / NLR, FINDS, ECHO, HWTS, CERS HAZ WASTE, HAZNET, SAN BERN. CO. PERMIT, CERS
	1x Grove Lumber	HWTS
	Grove Lumber	HWTS, NPDES
	HHS Communications	CHIMRS

The EDR database report identified several listings for the Subject Property at 2042 South Grove Avenue associated with the Subject Property. The facility was also identified in the database report by the names: Grove Lumber & Hardware, HHS Construction, HHS Communication, 1x Grove Lumber, and Grove Lumber. For the purpose of this report, the listings are summarized here.

- The Grove Lumber & Hardware facility is listed on the CIWQS database. This database indicates the facility has a terminated stormwater industrial permit, effective from February 2, 2006 through February 9, 2009. This listing did not contain additional information relevant to the environmental history of the facility. On this basis, the Grove Lumber & Hardware facility is not considered a REC to the Subject Property.

- The HHS Construction facility is listed on the HAULERS, RCRA NONGEN / NLR, FINDS, ECHO, HWTS, CERS HAZ WASTE, HAZNET, SAN BERN. CO. PERMIT, and CERS databases. According to the HAZNET database, approximately 0.2 tons or less of hazardous waste was generated annually from 2016 to 2019 (refer to Section 3.3 for additional information). The San Bern. Co. Permit database identified one active permit (PT0026596) as a small quantity generator and one active permit (PT0026595) for hazardous materials, both with an expiration date of February 28, 2022. No violations were reported on the RCRA NonGen / NLR and ECHO databases. The CERS database identified several violations; however, none were indicative of a release or poor housekeeping (refer to Section 3.3 for additional information). All violations have since achieved compliance. The remaining databases did not contain additional information relevant to the environmental history of the facility. On this basis, the HHS Construction facility is not considered a REC to the Subject Property.

- The 1x Grove Lumber facility is listed on the HWTS database. This listing was active from July 30, 1990 through October 25, 2000. This listing did not contain additional information relevant to the environmental history of the facility. On this basis, the 1x Grove Lumber facility is not considered a REC to the Subject Property.

- The Grove Lumber facility is listed on the HWTS and NPDES databases. According to the HWTS database, this listing was active from November 14, 1989 through June 30, 1998. The NPDES database indicates a No Action Required status as of December 8, 2021. The databases did not contain additional information relevant to the environmental history of the facility. On this basis, the Grove Lumber facility is not considered a REC to the Subject Property.

- The HHS Communications facility is listed on the California Hazardous Materials Incident Report System (CHIMRS) database. This database contains information on reported hazardous materials incidents such as accidental releases or spills. According to the available incident information (OES Incident Number 21-6884), the responsible party (RP) stated that approximately 500 gallons of an unknown chemical mixture was dumped in the backyard of the Subject Property. The incident occurred on November 20, 2011 and was reported to SBCFD. Records pertaining to this incident were provided to Roux by SBCFD. SBCFD does not appear to have required any further action regarding the release. Furthermore, the associated OES Incident Number (21-6884) indicates this database listing is related to the SA RWQCB inspection that was conducted at the Subject Property in December 2021 regarding the off-site excavation water that was transferred to the Subject Property in a small, temporary pond within the staging area on the western portion (refer to Section 3.3.2 for additional information). In April 2022, Roux implemented a Phase II subsurface investigation at the Subject Property to assess the off-site material and excavation water stored at the Subject Property (refer to Section 6.0). Based on Roux' Subject Property investigation targeting the rear storage yard and SBCFD oversight of the incident, this listing is not a REC and considered a de minimis condition in the context of this Phase I ESA.

7.1.2 Adjoining and Nearby Properties

Discussions of adjoining and nearby properties of potential environmental concern as noted in Table 1 are provided below.

- **Tech Industrial Machining Corp (2124 South Grove Avenue Unit J).** The Tech Industrial Machining Corp facility, located adjacent to the south of the Subject Property, is listed on the CHMIRS, NPDES, SAN BERN. CO. Permit, CIWQS, and CERS databases. The database listings

identify one release incident (OES Incident Number 8-3840) reported in August 1998 to the Ontario Fire Department. According to the available incident information, the owner dumped approximately 55-gallons of cutting oil in a field at the facility. However, the release was reportedly contained. Based on the containment and relatively minor nature of the incident, Ontario Fire Department oversight, and down to cross-gradient location of the facility from the Subject Property, the Tech Industrial Machining Corp facility is not considered a REC to the Subject Property.

- **Abushman Petro LLC/ARCO #5252 (2156 South Grove Avenue).** The Abushman Petro LLC/ARCO #5252 facility, located approximately 511 feet south of the Subject Property, is listed on the LUST, EDR HIST AUTO, SWEEPS UST, CA FID UST, UST, and Cortese databases. The HIST AUTO listing identifies the facility as a gasoline service station from 2008 through 2014. The associated GeoTracker case (T0607100430) under the facility name, ARCO #5252, describes a completed – case closed as of January 13, 1998 and indicates gasoline impacts to soil only. No additional information was provided. Given the case closure, reported impacts to soil only, and the distance of the facility from the Subject Property, the Abushman Petro LLC facility is not considered a REC to the Subject Property.

- **Keystone Products (1333 South Bon View Avenue).** The Keystone Products facility, located approximately 4,925 feet northwest of the Subject Property, is listed on the ENVIROSTOR, VCP, HIST UST, DEED, EMI, SAN BERN. CO. PERMIT, and CERS databases. The associated EnviroStor case (36340065) under the facility name, Oakwood Interiors Site, identified the facility as a certified O&M – land use restriction only case as of December 15, 2008. The facility historically operated as a wooden furniture manufacturer and plating and finishing automotive manufacturer with one 1,000-gallon gasoline UST and one 12,000-gallon diesel UST. Investigations identified metal-impacted soil, specifically nickel and chromium. Approximately 500 tons of impacted soil was excavated, and residual contaminated soil was treated with liquid reagent. The facility was purchased by the City of Ontario and operates as a warehouse with a customer service and administration building. A Land Use Covenant (LUC) was recorded on December 9, 2008 and inspections have been conducted annually since then. Given that the impacts were limited to soil, the impacted soil excavation and remediation, the LUC in place, and the distance of the facility from the Subject Property, the Keystone Products facility is not considered a REC to the Subject Property.

- **Ontario A.N.G. Training Site (1280 Tower Drive).** The Ontario A.N.G. Training Site, located approximately 1.96 miles northeast of the Subject Property, is listed on the ENIVIROSTOR database. The associated EnviroStor case (80000415) under the facility name, Ontario A.N.G. Training Site, identified the facility as an inactive – needs evaluation case as of July 1, 2005. The facility historically operated as an airport and for Air National Guard training and is currently occupied by the Air Force operating as a supply and administrative facility. No additional information was provided. Absent any additional information and evidence indicative of a release, coupled with the distance of the facility from the Subject Property, the Ontario A.N.G. Training Site facility is not considered a REC to the Subject Property.

7.1.3 Orphan Sites

The EDR Report includes a section addressing “Orphan Sites.” Orphan sites are sites, which, due to incomplete geographic location data, incomplete address information or incorrect address information, cannot be plotted correctly. The database report identified one unmapped facility.

- **SoCal Gas/Ontario MGP (Corner of Campus, Martland, Monterey, and Mission).** The SoCal Gas/Ontario MGP facility, located approximately 1.35 miles northwest of the Subject Property, is listed on the EDR MGP database. This listing identifies the facility as a manufactured gas plant. No additional information was provided. Absent any additional information and evidence indicative of a release, coupled with the distance of the facility from the Subject Property, the SoCal Gas/Ontario MGP facility is not considered a REC to the Subject Property.

8. Findings

Roux has performed this Phase I ESA in general compliance with the scope and limitations of ASTM Standard Practice E1527-13. Roux separated the findings of this assessment into the following four categories: *recognized environmental conditions*, *controlled recognized environmental conditions*, and *historical recognized environmental conditions*.

8.1 Data Gaps

During conduct of this ESA, the following data gaps, as defined in ASTM Standard E1527-13 were identified:

- Previous Subject Property owners/operators were not available for an interview. However, this data gap is not considered significant due to sufficient information regarding Subject Property history available from other interviews, EDR historical documents, and FOIA requests.

- Due to the volume of stored products and equipment within the building areas and storage yard, direct visual observation of many of the floor and wall areas of the building and ground surface areas was not possible. However, based on the overall comprehensive nature of the Subject Property reconnaissance and collective data gathered throughout the completion of Roux' investigations, this limitation is not considered a REC.

8.2 Recognized Environmental Conditions

Roux did not identify known or suspected RECs in connection with the current and historical operations at the Subject Property or adjacent properties.

8.3 Controlled Recognized Environmental Conditions

Roux did not identify known or suspected cRECs in connection with the current and historical operations at the Subject Property or adjacent properties.

8.4 Historical Recognized Environmental Conditions

Roux did not identify known or suspected hRECs in connection with the current and historical operations at the Subject Property or adjacent properties.

9. References

American Society for Testing Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-13 and ASTM E 1527-21)

American Society for Testing Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-21)

California Department of Conservation, California Geological Survey, 2010 Geologic Map of California

EDR, *The EDR Radius Map™ Report with GeoCheck®*, August 25, 2022

EDR, *The EDR Aerial Photo Decade Package*, February 24, 2022

EDR, *EDR Historical Topo Map Report*, February 24, 2022

EDR, *Certified Sanborn Map Report*, February 24, 2022

EDR, *The EDR-City Directory Abstract*, February 25, 2022

Roux, *FIRT Grove Ontario Phase II Report Final December 12, 2022*

Roux, *FIRT Grove Ontario HHRA_v0.5 December 12, 2022*

San Bernardino County Fire Department, Hazardous Material Division, Case Closure Summary, Chino Basin Water District RP-1, May 22, 2000.

San Bernardino County Fire Department, Hazardous Material Division, Case Closure Summary, Ontario Fire Station #3, June 19, 1997.

San Bernardino County Fire Department, Hazardous Material Division, Underground Storage Tank Removal Procedures, March 2012.

Wood Environment & Infrastructure Solutions, Inc (Wood), Fourth Quarter 2021 Groundwater Monitoring Report, January 2022.

10. Signature of Environmental Professional

Roux performed this assessment in accordance with the generally accepted practices for environmental assessments at the time of implementation. Roux made a reasonable effort to ensure that the information presented in this report is materially complete and accurate.

Roux completed a Phase I ESA in general compliance with the scope and limitations of ASTM Practice E1527-13 of the commercial property located at 2042 South Grove Avenue, Ontario, San Bernardino County, California. It is noted that this Phase I ESA was also performed in general accordance with the updated ASTM E1527-21 Standard.

"We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental professional as defined in §312.10 of 40 CFR 312" and,

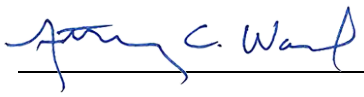
"We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."

Roux performed this Phase I ESA by, or under direct supervision of, the undersigned environmental professionals.

Respectfully Submitted,

ROUX ASSOCIATES, INC.

Peter Shimer, P.G.
Senior Geologist



Anthony C. Ward, P.G.
Vice President / Principal Geologist

TABLES

1. Standard Environmental Record Sources (EDR Report) Summary

Table 1: Standard Environmental Record Sources (EDR Report) Summary
2042 South Grove Avenue, Ontario, California 91761

Site Name	Address	Database Listings	Distance (Miles)	Direction	Discussed in Report Text
HHS CONSTRUCTION	2042 S GROVE AVE	RCRA NONGEN / NLR	TP	TP	Yes
HHS CONSTRUCTION	2042 S GROVE AVE	HAULERS	TP	TP	Yes
GROVE LUMBER & HARDWARE	2042 S GROVE AVE	CIWQS	TP	TP	Yes
1X GROVE LUMBER	2042 SO GROVE AVE	HWTS	TP	TP	Yes
GROVE LUMBER	2042 S GROVE AV	HWTS,NPDES	TP	TP	Yes
HHS CONSTRUCTION	2042 S GROVE AVE	FINDS,ECHO	TP	TP	Yes
HHS CONSTRUCTION INC.	2042 S GROVE AVE	HWTS,CERS HAZ WASTE,HAZNET,SAN BERN. CO. PERMIT,CERS	TP	TP	Yes
HHS CONSTRUCTION	2042 S GROVE AVENUE	ECHO	TP		
HHS COMMUNICATIONS	2042 S. GROVE AVE	CHMIRS	TP		
TECH INDUSTRIAL MACHINING CORP	2124 S GROVE AVE UNIT J	CHMIRS,NPDES,SAN BERN. CO. PERMIT,CIWQS,CERS	0.017		
YODER DEVELOPMENT	2124 S. GROVE AVENUE, UNIT F	RCRA NONGEN / NLR	0.017	SE	No
ISEC, INC.	2131 SOUTH GROVE AVENUE, SUITE J	RCRA NONGEN / NLR	0.029	ESE	No
ISEC INC	2131 S. GROVE AVE, SUITE J	RCRA NONGEN / NLR	0.029	ESE	No
MASTER SPRAYERS	2128 GROVE AVE O	SAN BERN. CO. PERMIT	0.033	SE	No
MASTER SPRAYERS	2128 GROVE UNIT O	HWTS,RCRA-SQG,FINDS,ECHO,HAZNET	0.033	SE	No
SOUTH DISTRIBUTING CO	2128 S GROVE #H	RCRA-SQG,FINDS,ECHO	0.033	SE	No
MASTERBURR	2132 S GROVE AVE J	SAN BERN. CO. PERMIT	0.048	SE	No
DIRECT IMAGE REPROGRAPHICS	2132 SOUTH GROVE AVENUE SUITE A	NPDES,SAN BERN. CO. PERMIT,CERS	0.048	SE	No
US HEALTHWORKS MEDICAL GRP	2171 S GROVE AVE STE A	RCRA NONGEN / NLR	0.077	SE	No
HILTI CENTER	1950 S GROVE AVE	RCRA NONGEN / NLR	0.095	N	No
ARCO 05252	2156 S GROVE AVE	UST	0.097	SSE	No
ARCO #5252	2156 GROVE	LUST,SWEEPS UST,CA FID UST,CORTESE,HIST CORTESE	0.097	SSE	No
PRESTIGE STATIONS INC 769	2156 SOUTH GROVE AVENUE	CERS HAZ WASTE,HIST UST,CERS TANKS,SAN BERN. CO. PERMIT,CERS	0.097	SSE	No
SWAIN OIL TRANSPORT DBA: VISTA ENERGY TRANSPORT	2156 S GROVE AVE	RCRA NONGEN / NLR	0.097	SSE	No
TRISHA PETRO INC	2156 S GROVE AVE	RCRA NONGEN / NLR	0.097	SSE	No
ABUSHAM PETRO LLC	2156 S GROVE AVE	EDR HIST AUTO	0.097	SSE	Yes
ARCO PETROLEUM PROD #5252	2156 S GROVE AVE	UST	0.097	SSE	No
ARCO FACILITY NO 05252	2156 S GROVE AVE	RCRA-SQG,FINDS,ECHO	0.097	SSE	Yes
GRAND VIEW GLASS AND METAL INC.	2134 GREEN PRIVADO	SAN BERN. CO. PERMIT	0.1	ESE	No
HEAVY MOTIONS INC	2134 S GREEN PRIVADO	RCRA NONGEN / NLR	0.1	ESE	No
KIMBERLY CORY	2091 S. CUCOMONGA AVE	RCRA NONGEN / NLR	0.112	W	No
ONTARIO	1165 E PHILADELPHIA ST	HIST UST	0.12	SSW	No
CALTRANS-ONTARIO	1165 E PHILADELPHIA ST	AST	0.12	SSW	No

Table 1: Standard Environmental Record Sources (EDR Report) Summary
2042 South Grove Avenue, Ontario, California 91761

Site Name	Address	Database Listings	Distance (Miles)	Direction	Discussed in Report Text
CALTRANS-ONTARIO	1165 E PHILADELPHIA ST	CERS HAZ WASTE,CERS TANKS,SAN BERN. CO. PERMIT,CERS	0.12	SSW	No
CALTRANS ONTARIO AREA MAINT STATION	1165 E PHILADELPHIA ST	RCRA-SQG,FINDS	0.12	SSW	No
CALTRANS ONTARIO	1165 PHILADELPHIA AVE.	AST	0.12	SSW	No
CALTRANS D8 MAINTENANCE ONTARIO MS	1165 E PHILADELPHIA ST	HWTS,SWF/LF,HAZ NET,CERS	0.12	SSW	No
ONTARIO	1165 E PHILADELPHIA ST	SWEEPS UST,CA FID UST	0.12	SSW	No
ONTARIO MAINT YARD	1165 E PHILADELPHIA	HIST UST	0.12	SSW	No
PBB, INC	1311 E PHILADELPHIA	SAN BERN. CO. PERMIT	0.122	SE	No
C & T JAPANESE ENGINE INC	1127 E PHILADELPHIA ST	RCRA NONGEN / NLR	0.122	SW	No
C & T JAPANESE ENGINE INC	1127 E PHILADELPHIA ST	CERS HAZ WASTE,SAN BERN. CO. PERMIT,CERS	0.122	SW	No
C&D ZODIAC - ONTARIO	1945 S GROVE AVE	RCRA-LQG,FINDS,EMI,NPDES,SAN BERN. CO. PERMIT,WDS,CIWQ	0.123	NNE	No
PSIP EBS FRANCIS, LLC	1945 S GROVE AVE	RCRA NONGEN / NLR	0.123		
SUPERIOR POOL PRODUCTS, LLC	2127 S GREEN PRIVADO	SAN BERN. CO. PERMIT,CERS	0.124	ESE	No
POWER GRADE INC	2009 S CUCAMONGA AVE	RCRA NONGEN / NLR	0.124	WNW	No
CALIFORNIA QUALITY PLASTICS	2104 S CUCAMONGA AVE	NPDES,SAN BERN. CO. PERMIT,CIWQS,CERS	0.138	WSW	No
HANCRETE PROD INC	2010 S CUCAMONGA AVE	CERS HAZ WASTE,NPDES,SAN BERN. CO. PERMIT,WDS,CIWQS,CERS	0.14	WNW	No
ART'S FORKLIFT REPAIR INC	1948 S GROVE AVE	CERS HAZ WASTE,HAZNET,SAN BERN. CO. PERMIT,CERS	0.141	NNE	No
ART'S FORKLIFT REPAIR INC	1948 S GROVE AVE	RCRA NONGEN / NLR	0.141	NNE	No
JD FINISHING	1351 E CHIEF PRIVADO	SAN BERN. CO. PERMIT,WDS,CIWQS,CERS	0.141	ENE	No
KUDER ENGINEERING INC	2155 S CUCAMONGA	RCRA NONGEN / NLR	0.144	SW	No
KUDER ENGINEERING INC	2155 S CUCAMONGA AVE	CERS HAZ WASTE,NPDES,SAN BERN. CO. PERMIT,CIWQS,CERS	0.144	SW	No
FREEDOM FINISHING	1942 S GROVE AVE	CHMIRS,EMI,SAN BERN. CO. PERMIT,CERS	0.152	NNW	No
ABBA ROLLER	1351 E PHILADELPHIA ST	CERS HAZ WASTE,NPDES,SAN BERN. CO. PERMIT,CIWQS,CERS	0.155	ESE	No
ABBA ROLLER LLC	1351 E PHILADELPHIA ST	RCRA NONGEN / NLR	0.155	ESE	No

Table 1: Standard Environmental Record Sources (EDR Report) Summary
2042 South Grove Avenue, Ontario, California 91761

Site Name	Address	Database Listings	Distance (Miles)	Direction	Discussed in Report Text
EL POLLO LOCO #6030	1180 E PHILADELPHIA ST	SAN BERN. CO. PERMIT	0.157	S	No
CHIPOTLE 2346	2200 S GROVE AVE	RCRA NONGEN / NLR	0.159	SSE	No
CHIPOTLE MEXICAN GRILL #2346	2200 S. GROVE AVE #104	RCRA NONGEN / NLR	0.159	SSE	No
OFFICE DEPOT 2356	2205 S GROVE	RCRA NONGEN / NLR	0.163	SSE	No
OFFICE DEPOT #2356	2205 S GROVE AVE	CERS HAZ WASTE,SAN BERN. CO. PERMIT,CERS	0.163	SSE	No
NATIONAL DISTRIBUTION CENTERS LLC	1991 S CUCAMONGA AVE	RCRA NONGEN / NLR	0.168	NW	No
NFI NATIONAL DIST. CENTER	1991 S CUCAMONGA AVE	SAN BERN. CO. PERMIT,CERS	0.168	NW	No
FIBER DESIGN INTL	1938 S GROVE AV	EMI,SAN BERN. CO. PERMIT	0.177	N	No
AIRGAS USA, LLC	1936 S GROVE AVE	SAN BERN. CO. PERMIT,CERS	0.178	NNE	No
AIR CONTROL SYSTEMS INC	1940 S GROVE AVE	HWTS,CERS HAZ WASTE,HAZNET,SAN BERN. CO. PERMIT,CERS	0.183	N	No
AIR CONTROL SYSTEMS INC	1940 S GROVE AVE	RCRA NONGEN / NLR	0.183	N	No
AM-TEK ENGINEERING INC	1180 E FRANCIS ST STE C	RCRA NONGEN / NLR	0.204	N	No
AM-TEK ENGINEERING INC	1180 E FRANCIS AVE BLDG #C	SAN BERN. CO. PERMIT	0.204	N	No
FORMULA PLASTICS, INC	1180 E FRANCIS ST BLDG H	SAN BERN. CO. PERMIT	0.204	N	No
AM-TEK ENGINEERING, INC	1180 E FRANCIS ST.	RCRA NONGEN / NLR	0.204	N	No
AM-TEK ENGINEERING, INC	1180 E FRANCIS ST	RCRA NONGEN / NLR	0.204	N	No
FIBERTECH POLYMERS, LLC	2150 B PARCO AVE	SAN BERN. CO. PERMIT	0.21	ESE	No
MAACO AUTO PAINTING & BODY WORKS	1842 S GROVE AVE	RCRA-SQG,FINDS,ECHO	0.223	NNE	No
AMERICAN PAINT & BODY	1842 S GROVE AVE	SAN BERN. CO. PERMIT	0.223	NNE	No
FRONTIER CALIFORNIA, INC.- ONTARIO XD	1911 S CUCAMONGA AVE	SAN BERN. CO. PERMIT	0.227	NW	No
NFI 154	1990 S CUCAMONGA AVE	RCRA-SQG	0.233		
HOME DEPOT NO 6704	1990 S CUCAMONGA AVE	HWTS,HAZNET,SAN BERN. CO. PERMIT	0.233	NW	No
ONTARIO SERVICE CENTER	1351 FRANCIS ST	LUST,SWEEPS UST,HIST UST,CA FID UST,CHMIRS,HIST CORTESE,NPDES,C	0.391	NE	No
ONTARIO SERVICE CENTER	1351 E FRANCIS ST	HIST UST,CORTESE	0.391	NE	No
CALIFORNIA AIR NATIONAL GUARD	TAXIWAY 62 & CUCAMONGA	LUST,CORTESE,HIST CORTESE,CERS	0.411	SSW	No
HHW SATELLITE ONTARIO	1408 E FRANCIS ST	LUST,CPS-SLIC,CORTESE,SAN BERN. CO. PERMIT,CERS	0.419		
ONTARIO CITY FIRE DEPARTMENT	1408 EAST FRANCIS	CPS-SLIC,CERS	0.419	NE	No
ONTARIO FIRE STATION #3	1408 FRANCIS ST	LUST,SWEEPS UST,CA FID UST,HIST	0.419	NE	No
LIGHTING RESOURCES INC	805 FRANCIS ST	RCRA-SQG,HWP	0.564	NW	No

Table 1: Standard Environmental Record Sources (EDR Report) Summary
2042 South Grove Avenue, Ontario, California 91761

Site Name	Address	Database Listings	Distance (Miles)	Direction	Discussed in Report Text
DANCO	1750 MONTICELLO CT	ENVIROSTOR,EMI,SAN BERN. CO. PERMIT,CERS	0.845	ESE	No
KEYSTONE PRODUCTS	1333 S BON VIEW AVE	ENVIROSTOR,VCP, HIST UST,DEED,EMI,SAN BERN. CO. PERMIT,CERS	0.933		
ONTARIO A.N.G. TRAINING SITE		ENVIROSTOR	0.946	NNE	Yes

Notes

Blue: Facility does not have associated database listings indicative of a release or contamination

Green: Facility is hydraulically downgradient or crossgradient and/or is a closed release case

Orange: Facility has an associated release case impacting soil only and/or VOCs are not a potential contaminant of concern

FIGURES

1. Subject Property Location Map
2. Subject Property Plan

QUADRANGLE LOCATION

N

1,000 0 1,000'

Title:

SUBJECT PROPERTY LOCATION MAP

2042 SOUTH GROVE AVENUE, ONTARIO, CALIFORNIA

Prepared for:

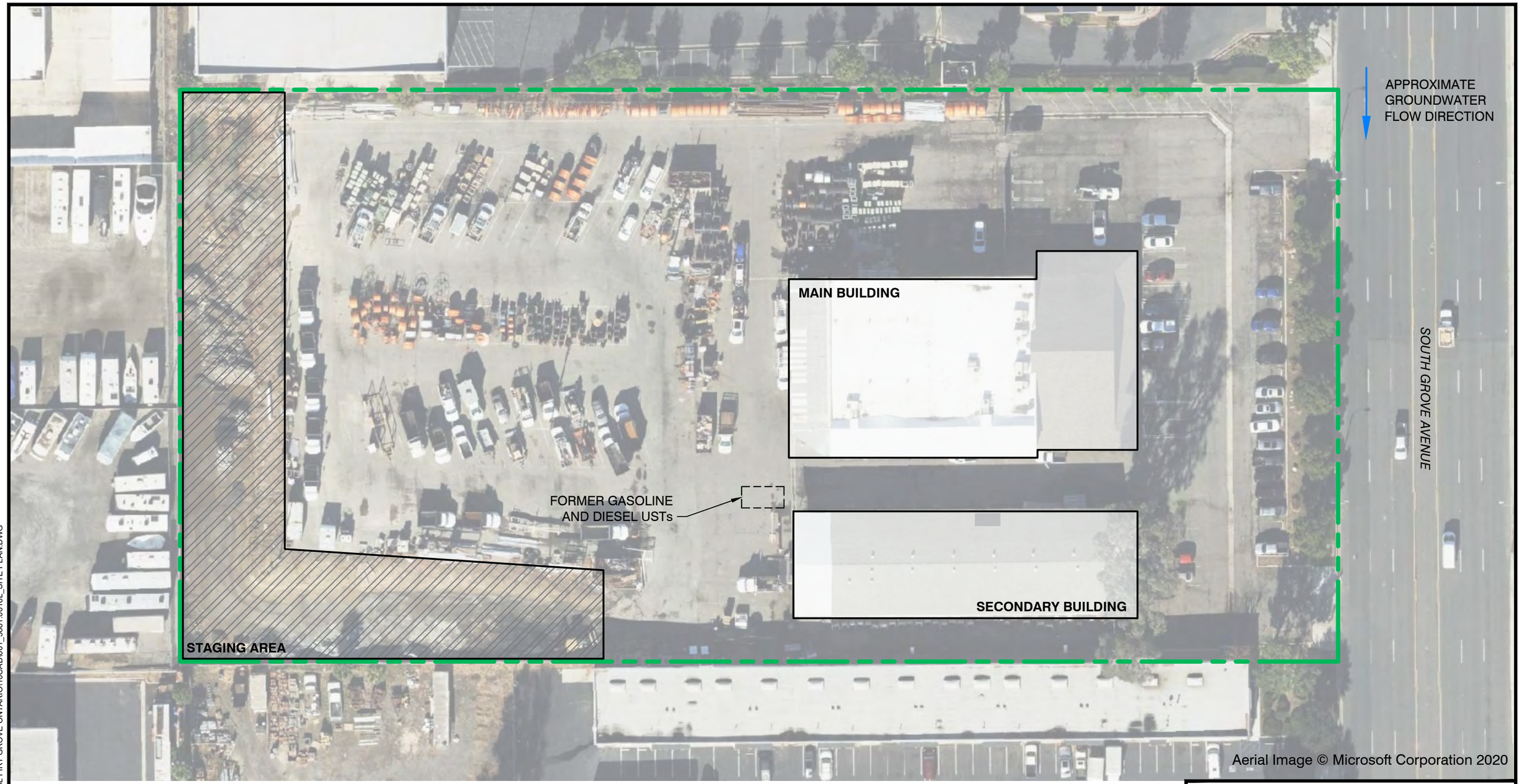
FIRST INDUSTRIAL REALTY TRUST, INC

ROUX

Compiled by: O.B.	Date: 03/10/22
Prepared by: O.B.	Scale: AS SHOWN
Project Mgr: T.W.	Project: 3661.0016L000
File: Site Location Example.mxd	

FIGURE 1

\\SRVLACAFP1\LA SHARED\CLIENTS\3661.0016L FIRT GROVE ONTARIO\09GIS\SITE LOCATION EXAMPLE.MXD



LEGEND

APPROXIMATE SUBJECT PROPERTY BOUNDARY

APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTES

LOCATIONS OF FORMER GASOLINE AND DIESEL USTs ARE APPROXIMATE AND BASED ON THE SAN BERNARDINO COUNTY FIRE DEPARTMENT RECORDS.

N

50' 0 50'

Title:

SUBJECT PROPERTY PLAN

2042 SOUTH GROVE AVENUE
ONTARIO, CALIFORNIA

Prepared for:
FIRST INDUSTRIAL REALTY TRUST, INC

ROUX

Compiled by: R.Q.	Date: 19 AUG 2022	FIGURE
Prepared by: A.T.	Scale: AS SHOWN	2
Project Mgr: P.S.	Project: 3661.0016L000	
File: 001_3661.0016L_SITE PLAN.DWG		

\\SRVLACAFP1\LA SHARED\CLIENTS\3661.0016L FIRT GROVE ONTARIO\10CAD\001_3661.0016L_SITE PLAN.DWG

APPENDICES

A. Glossary of Terms

B. Historical Topographic Maps

C. Historical Aerial Photographs

D. Certified Sanborn Report

E. EDR City Directory Image Report

F. EDR Radius Map Report with Geocheck®

G. Photographic Log

H. Pertinent Historical Documentation

I. Previous Environmental Investigation Reports

APPENDIX A

Glossary of Terms

GLOSSARY OF KEY TERMS

This appendix provides definitions, description of terms, and a list of acronyms for many of the words used in ASTM E 1527-13. These terms are an integral part of ASTM E 1527-13 and are critical to understanding ASTM E 1527-13 and its use.

DEFINITIONS:

Abandoned Property – *property* that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current *owner* to surrender rights to the *property*.

Activity and Use Limitations – Legal or physical restrictions or limitations on the use of, or access to, a site or facility: *(1)* to reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil, soil vapor, groundwater, and/or surface water on the *property*, or *(2)* to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or *engineering controls*, are intended to prevent adverse impacts to individuals or populations that may be exposed to *hazardous substances* and *petroleum products* in the soil, soil vapor, groundwater, and/or surface water on the *property*.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – The list of sites compiled by EPA that EPA has investigated, or is currently investigating, for potential hazardous substance contamination for possible inclusion on the National Priorities List.

Construction debris – Concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

Contaminated public wells – Public wells used for drinking water that have been designated by a government entity as contaminated by toxic substances (for example, chlorinated solvents), or as having water unsafe to drink without treatment.

Contiguous Property Owner Liability Protection – a person may qualify for the *contiguous property owner liability protection* if, among other requirements, such person owns real *property* that is contiguous to, and that is or may be contaminated by *hazardous substances* from other real *property* that is not owned by that person. Furthermore, such person conducted *all appropriate inquiries* at the time of acquisition of the *property* and did not know or have reason to know that the *property* was or could be contaminated by a *release* or threatened *release* from the contiguous *property*. The *all appropriate inquiries* must not result in knowledge of contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the *contiguous property owner liability protection*.

Controlled Recognized Environmental Condition – a *recognized environmental condition* resulting from a past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*).

CORRACTS list – a list maintained by EPA of *hazardous waste* treatment, storage, or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of *hazardous waste* beyond 90 days)

that have been notified by the U.S. Environmental Protection Agency to undertake corrective action under RCRA. The *CORRACTS list* is a subset of the EPA database that manages RCRA data.

Demolition debris – Concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.

Drum – A container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store *hazardous substances* or *petroleum products.*

Dry wells – Underground areas where soil have been removed and replaced with pea gravel, coarse sand, or large rocks. Dry wells are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and non-intentional), and wastewater disposal (often illegal).

Dwelling – Structure of portion thereof used for residential habitation.

Engineering controls – Physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to contaminants in the soil or groundwater on the property.

Environmental lien – A charge, security, or encumbrance upon title to a *property* to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of *hazardous substances* or *petroleum products* upon a *property*, including (but not limited to) liens imposed pursuant to CERCLA 42 USC § 9607(1) and similar state or local laws.

ERNS list – EPA's emergency response notification system list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such releases or spills are codified in 40 CFR parts 302 and 355.

Federal Register (FR) – Publication of the Untied States government published daily (except for federal holidays and weekends) containing all proposed and final regulations and some other activities of the federal government. When regulations become final, they are included in the Code of Federal Regulations (CFR), as well as published in the Federal Register.

Fire insurance maps – Maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the property. These maps are often available in local libraries, historical societies, private resellers, or from the map companies who produced them. See Question 23 of the transaction screen process in Practice E 1528 and 7.3.4.2 of this practice.

Hazardous substance – A substance defined as hazardous pursuant to CERCLA 42 USC § 9601(14), as interpreted by EPA regulations and the courts: "(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Soil Waste Disposal Act (42 USC § 6921) (but not including any waste the regulation of which under the Solid Waste Disposal Act (42 USC § 6901 *et seq.*) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 USC § 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof, which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A)

through (F) of this paragraph; the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

Hazardous waste – Any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Cat (42 USC § 6921) (but not including any waste the regulation of which under the Solid Waste Disposal Act (42 USC § 6901 *et seq.*) has been suspended by Act of Congress). The Solid Waste Disposal Act of 1980 amended RCRA. RCRA defines hazardous waste, in 42 USC § 6903, as: "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may – (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

Institutional control – A legal or administrative restriction (e.g., deed restriction, restrictive zoning) on the use of, or access to, a site or facility to reduce or eliminate potential exposure to contaminants in the soil or groundwater on the property.

Landfill – A place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term *solid waste disposal site* and is also known as a garbage dump, trash dump, or similar term.

Local street directories – Directories published by private (or sometimes government) sources that show ownership, occupancy, and/or use of sites by reference to street addresses. Often, local street directories are available at libraries of local governments, colleges or universities, or historical societies.

Material safety data sheet (MSDS) – Written or printed material concerning a hazardous substance which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA's Hazard Communication Standard, 29, CFR 1910.1200.

National Contingency Plan (NCP) – The National Oil and Hazardous Substances Pollution Contingency Plan, found at 40 CFR § 300, that is the EPA's blueprint on how hazardous substances are to be cleaned up pursuant to CERCLA.

National Priorities List (NPL) – List compiled by the EPA, pursuant to CERCLA 42 USC § 9605(a)(8)(B), of properties with the highest priority for cleanup pursuant to EPA's Hazard Ranking System. See 40 CFR Part 300.

Occupants – Those tenants, subtenants, or other persons or entities using the *property* or a portion of the *property.*

Owner – Generally the fee owner of record for the *property*.

Petroleum exclusion – The exclusion from CERCLA liability provided in 42 USC § 9601(14), as interpreted by the courts and EPA: "The term (hazardous substance) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

Petroleum products – Those substances included within the meaning of the *petroleum exclusion* to CERCLA, 42 USC § 9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 USC § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to *Standard Definitions of Petroleum Statistics*[1]*.)*

Phase I Environmental Site Assessment – The process described in this practice.

Pits, ponds, or lagoons – Man-made or natural depressions in the ground surface that are likely to hold liquids or sludge containing *hazardous substances* or *petroleum products*. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

Property – The real property that is the subject of the *environmental site assessment* described in this practice. Real property includes buildings and other fixtures and improvement located on the property and affixed to the land.

Property tax files – The files kept for property tax purposes by the local jurisdiction where the property is located and includes records of past ownership, appraisals, maps, sketches, photos, or other information that is reasonable ascertainable and pertaining to the property.

RCRA generators – Those persons or entities that generate hazardous waste, as defined and regulated by RCRA.

RCRA generators list – List kept by the EPA of those persons or entities that generate hazardous wastes as defined and regulated by RCRA.

RCRA TSD facilities – Those facilities at which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA.

RCRA TSD facilities list – List kept by the EPA of those facilities at which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA.

Recorded land title records – Records of fee ownership, leases, land contracts, easements, liens, and other encumbrances on or of the property recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the *property* is located. (Often such records are kept by a municipal or county recorder or clerk.) Such records may be obtained from title companies or directly from the local government agency. Information about the title to the property that is recorded in a U.S. district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located, are not considered part of recorded land title records.

Records of emergency release notifications (SARA § 304) – Section 304 of EPCRA or Title III of SARA requires operators of facilities to notify their local emergency planning committee (as defined in EPCRA) and the state emergency response commission (as defined in EPCRA) of any release beyond the facility's boundary of any reportable quantity of any extremely hazardous substance. Often the local fire department is the local emergency planning committee. Records of such notifications are "Records of Emergency Release Notifications" (SARA§ 304).

Report – The written record of a transaction screen process as required by Practice E 1528 or the written report prepared by the environmental professional and constituting part of a "Phase I Environmental Site Assessment," as required by this practice.

Solid waste disposal site – A place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term *landfill* and is also known as a garbage dump, trash dump, or similar term.

Solvent – A chemical compound that is capable of dissolving another substance and may itself be a *hazardous substance,* used in a number of manufacturing/industrial processes including, but not limited to, the manufacture of paints and coatings for industrial and household purposes, equipment clean-up, and surface degreasing in metal fabricating industries.

State registered USTs – State lists of underground storage tanks required to be registered under Subtitle I, Section 9002 of RCRA.

Sump – A pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

TSD facility – Treatment, storage, or disposal facility (*see RCRA TSD facilities*).

Underground storage tank (UST) - Any tank, including underground piping connected to the tank, that is or has been used to contain *hazardous substances* or *petroleum products* and the volume of which is 10% or more beneath the surface of the ground.

USGS 7.5 Minute Topographic Map – The map (if any) available from or produced by the United States Geological Survey, entitled "USGS 7.5 Minute Topographic Map," and showing the property.

Wastewater – Water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has conveyed sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. Wastewater does not include water originating on or passing through or adjacent to a site, such as storm water flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

Zoning/land use records – Those records of the local government in which the *property* is located, indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps and/or written records. They are often located in the planning department of a municipality or county.

DEFINITIONS SPECIFIC TO ASTM E 1527-13:

Actual knowledge – The knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

Adjoining properties – Any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

Aerial photographs – Photographs taken from an airplane or helicopter (from a low enough altitude to allow identification of development and activities) of areas encompassing the property. Aerial photographs are often available from government agencies or private collections unique to a local area.

Appropriate inquiry – That inquiry constituting "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in CERCLA, 42 USC § 9601(35)(B), that will give a party to a *commercial real estate* transaction the *innocent landowner defense* to the CERCLA liability (42 USC § 9601(A) and (B) and § 9607(b)(3)), assuming compliance with other elements of the defense. See Appendix X1.

Approximate minimum search distance – The area for which records must be obtained and reviewed pursuant to Section 7 subject to the limitations provided in that section. This may include areas outside the *property* and shall be measured from the nearest *property* boundary. This term is used in lieu of radius to include irregularly-shaped properties.

Building department records – Those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property. Often, building department records are located in the building department of a municipality or county.

Business environmental risk – A risk which can have a material environmental or environmentally-driven financial impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of *business environmental risk* issues may necessitate that an *environmental professional* address one or more non-scope considerations, some of which are identified in Section 12.

Commercial real estate – Any real property except a dwelling or property with no more than four dwelling units exclusively for residential use (except that a dwelling or property with no more than four dwelling units exclusively for residential use is included in this term when it has a commercial function, as in the building of such dwellings for profit). This term includes, but is not limited to, undeveloped real property and real property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; property used for residential purposes that has more than four residential dwelling units; and any property with no more than four dwelling units for residential use when it has a commercial function, as in the building of such dwellings for profit.

Commercial real estate transaction – A transfer of title to or possession of real property or receipt of a security interest in real property, except that it does not include transfer of title to or possession of real property or the receipt of a security interest in real property with respect to an individual dwelling or building containing fewer than five dwelling units, nor does it include the purchase of a lot or lots to construct a dwelling for occupancy by a purchaser, but a commercial real estate transaction does include real property purchased or leased by persons or entities in the business of building or developing dwelling units.

Controlled Recognized Environmental Condition – a *recognized environmental condition* resulting from a past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*).

Due diligence – The process of inquiring into the environmental characteristics of a parcel of *commercial real estate* or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of due diligence vary for different properties and differing purposes.

Environmental audit – The investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be used to describe Practice E 1528 or this practice, although an environmental audit may include an *environmental site assessment* or, if prior audits are available, may be part of an environmental site assessment.

Environmental professional – A person processing sufficient training and experience necessary to conduct a *site reconnaissance, interviews,* and other activities in accordance with this practice, and from the information generated by such activities, having the ability to develop opinions and conclusions regarding *recognized environmental conditions* in connection with the *property* in question. An individual's status as an environmental professional may be limited to the type of assessment to be performed or to specific segments of the assessment for which the professional is responsible. The person may be an independent contractor or an employee of the *user.*

Environmental site assessment (ESA) – The process by which a person or entity seeks to determine if a particular parcel of real *property* (including improvements) is subject to *recognized environmental conditions.* At the option of the *user*, an environmental site assessment may include more inquiry than that constituting *appropriate inquiry* or, if the user is not concerned about qualifying for the *innocent landowner defense,* less inquiry than that constituting *appropriate inquiry.* An environmental site assessment is both different from and less rigorous than an *environmental audit.*

Fill dirt – Dirt, soil, sand, or other earth, obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

Hazardous waste/contaminated sites – Sites on which a release has occurred, or is suspected to have occurred, of any *hazardous substance, hazardous waste,* or *petroleum products,* and that release or suspected release has been reported to a government entity.

Historical Recognized Environmental Condition – a past *release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*). Before calling the past *release* a *historical recognized environmental condition*, the *environmental professional* must determine whether the past *release* is a *recognized environmental condition* at the time the *Phase I Environmental Site Assessment* is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past *release* to be a *recognized environmental condition* at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a *recognized environmental condition*.

Innocent landowner defense – That defense to CERCLA liability provided in 42 USC § 9601(35) and § 9607(b)(3). One of the requirements to qualify for this defense is that the party make "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice." There are additional requirements to qualify for this defense.

Interviews – Those portions of this practice that are contained in Section 9 and 10 thereof and address questions to be asked of *owners* and *occupants* of the *property* and questions to be asked of local government officials.

Key site manager – The person identified by the *owner* of a *property* as having good knowledge of the uses and physical characteristics of the property.

Local government agencies – Those agencies of municipal or county government having jurisdiction over the *property.* Municipal and county government agencies include, but are not limited to, cities, parishes, townships, and similar entities.

LUST sites – State lists of leaking underground storage tank sites. Section 9003 (h) of Subtitle I of RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so.

Major occupants – Those tenants, subtenants, or other persons or entities each of which uses at least 40% of the leasable area of the *property* or any anchor tenant when the *property* is a shopping center.

Material threat – A physically observable or obvious threat which is reasonable likely to lead to a release that, in the opinion of the *environmental professional,* is threatening and might result in impact to human health and the environment. An example might include an aboveground storage tank that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Obvious – That which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while *visually* or *physically observing the property.*

Other historical sources – Any source or sources other than those designated in 7.3.4.1-7.3.4.8 that are credible to a reasonable person and that identify past uses of the property. The term includes, but is not limited to, miscellaneous maps, newspaper archives, and records in the files and/or personal knowledge of the *property owner* and/or *occupants.*

Physical setting sources – sources that provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of a *property.*

Practically reviewable – Information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the *property* without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the *property* or a geographic area in which the *property* is located are not generally *practically reviewable.* Most databases of public records are *practically reviewable* if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous facility records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not *practically reviewable* unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be

identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be *practically reviewable*. In other words, then so much data is generated that it cannot be feasibly reviewed for its impact on the *property,* it is not *practically reviewable.*

Preparer – The person preparing the *transaction screen questionnaire* pursuant to Practice E 1528, who may be either the user or the person to whom the user has delegated the preparation of the *transaction screen questionnaire.*

Publicly available – Information that is publicly available means that the source of the information allows access to the information by anyone upon request.

Reasonably ascertainable – For purposes of both this practice and Practice E 1528, information that is (1) *publicly available,* (2) obtainable from its source within reasonable time and cost constraints, and (3) *practically reviewable.*

Recognized Environmental Conditions – the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (*1*) due to release to the environment; (*2*) under conditions indicative of a *release* to the *environment*; or (*3*) under conditions that pose a *material threat* of a future *release* to the *environment*. *De minimis conditions* are not *recognized environmental conditions*.

Records review – That part that is contained in Section 7 of this practice addresses which records shall or may be reviewed.

Site reconnaissance – That part that is contained in Section 8 of this practice and addresses what should be done in connection with the *site visit.* The site reconnaissance includes, but is not limited to, the *site visit* done in connection with such a Phase I Environmental Site Assessment.

Site visit – The visit to the property during which observations are made constituting the *site reconnaissance* section of this practice and the *site visit* requirement of Practice E 1528.

Standard environmental record sources – Those records specified in 7.2.1.1.

Standard historical sources – Those sources of information about the history of uses of the property specified in 7.3.4.

Standard physical setting source – A current USGS 7.5-minute topographic map (if any) showing the area on which the property is located.

Standard practice(s) – The activities set forth in either and both this practice and Practice E 1528.

Standard sources – Sources of environmental, physical setting, or historical records specified in Section 7 of this practice.

Transaction screen process – The process described in Practice E 1528.

Transaction screen questionnaire – The questionnaire provided in Section 6 of Practice E 1528.

User – The party seeking to use Practice E 1528 to perform an *environmental site assessment* of the *property*. A user may include, without limitation, a purchaser of *property,* a potential tenant of *property,* an *owner* of *property,* a lender, or a property manager.

Visually and/or physically observed – During a *site visit* pursuant to Practice E 1528, or pursuant to this practice, this term means observations made by vision while walking through a *property* and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term "walking through" is not meant to imply that disabled persons who cannot physically walk may not conduct a *site visit;* they may do so by the means at their disposal for moving through the *property* and the structures located on it.

ACRONYMS:

CERCLA – Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 USC § 9601 *et seq.*)

CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA)

CFR – Code of Federal Regulations

CORRACTS – Facilities subject to corrective action under RCRA

EPA – United States Environmental Protection Agency

EPCRA – Emergency Planning and Community Right to Know Act (also known as SARA Title III), 42 USC § 11001 *et seq.*)

ERNS – Emergency response notification system

ESA – Environmental site assessment (different than an *environmental audit*)

FOIA – U.S. Freedom of Information Act (5 USC 552 *et seq.*)

FR – Federal Register

LUST – Leaking underground storage tank

MSDS – Material safety data sheet

NCP – National Contingency Plan

APPENDIX B

Historical Topographic Maps

FIRT Grove Ontario
2042 South Grove Avenue
Ontario, CA 91761

Inquiry Number: 6873683.4
February 24, 2022

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

02/24/22

Site Name:

FIRT Grove Ontario
2042 South Grove Avenue
Ontario, CA 91761
EDR Inquiry # 6873683.4

Client Name:

Roux Associates
402 Heron Drive
Logan Township, NJ 08085-0000
Contact: Audrey Clark

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Roux Associates were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: FIRT Grove Ontario

Coordinates:

Latitude:	34.036184 34° 2' 10" North
Longitude:	-117.629684 -117° 37' 47" West
UTM Zone:	Zone 11 North
UTM X Meters:	441874.27
UTM Y Meters:	3766346.78
Elevation:	855.00' above sea level

Maps Provided:

2018	1953, 1954
2015	1944
2012	1941, 1942
1981	1933
1976	1903
1973	1900
1966, 1967	1897
1954	

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets

Ontario
2018
7.5-minute, 24000

Guasti
2018
7.5-minute, 24000

2015 Source Sheets

Ontario
2015
7.5-minute, 24000

Guasti
2015
7.5-minute, 24000

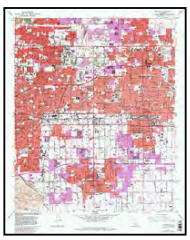
2012 Source Sheets

Ontario
2012
7.5-minute, 24000

Guasti
2012
7.5-minute, 24000

1981 Source Sheets

Guasti
1981
7.5-minute, 24000
Aerial Photo Revised 1978



Ontario
1981
7.5-minute, 24000
Aerial Photo Revised 1978

Topo Sheet Key

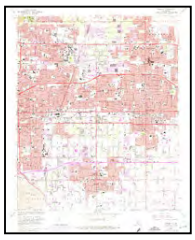
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1976 Source Sheets

ONTARIO
1976
15-minute, 50000

1973 Source Sheets

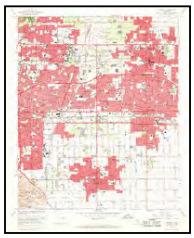
Guasti
1973
7.5-minute, 24000
Aerial Photo Revised 1973



Ontario
1973
7.5-minute, 24000
Aerial Photo Revised 1973

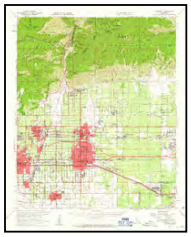
1966, 1967 Source Sheets

Guasti
1966
7.5-minute, 24000
Aerial Photo Revised 1966



Ontario
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1954 Source Sheets



Ontario
1954
15-minute, 62500
Aerial Photo Revised 1952

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953, 1954 Source Sheets

Guasti
1953
7.5-minute, 24000
Aerial Photo Revised 1952

1944 Source Sheets

CUCAMONGA
1944
15-minute, 50000

1941, 1942 Source Sheets

GUASTI VICINITY
1941
7.5-minute, 31680

Ontario and Vicinity
1942
7.5-minute, 31680

1933 Source Sheets

Ontario
1933
7.5-minute, 31680

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1903 Source Sheets

Cucamonga
1903
15-minute, 62500

1900 Source Sheets

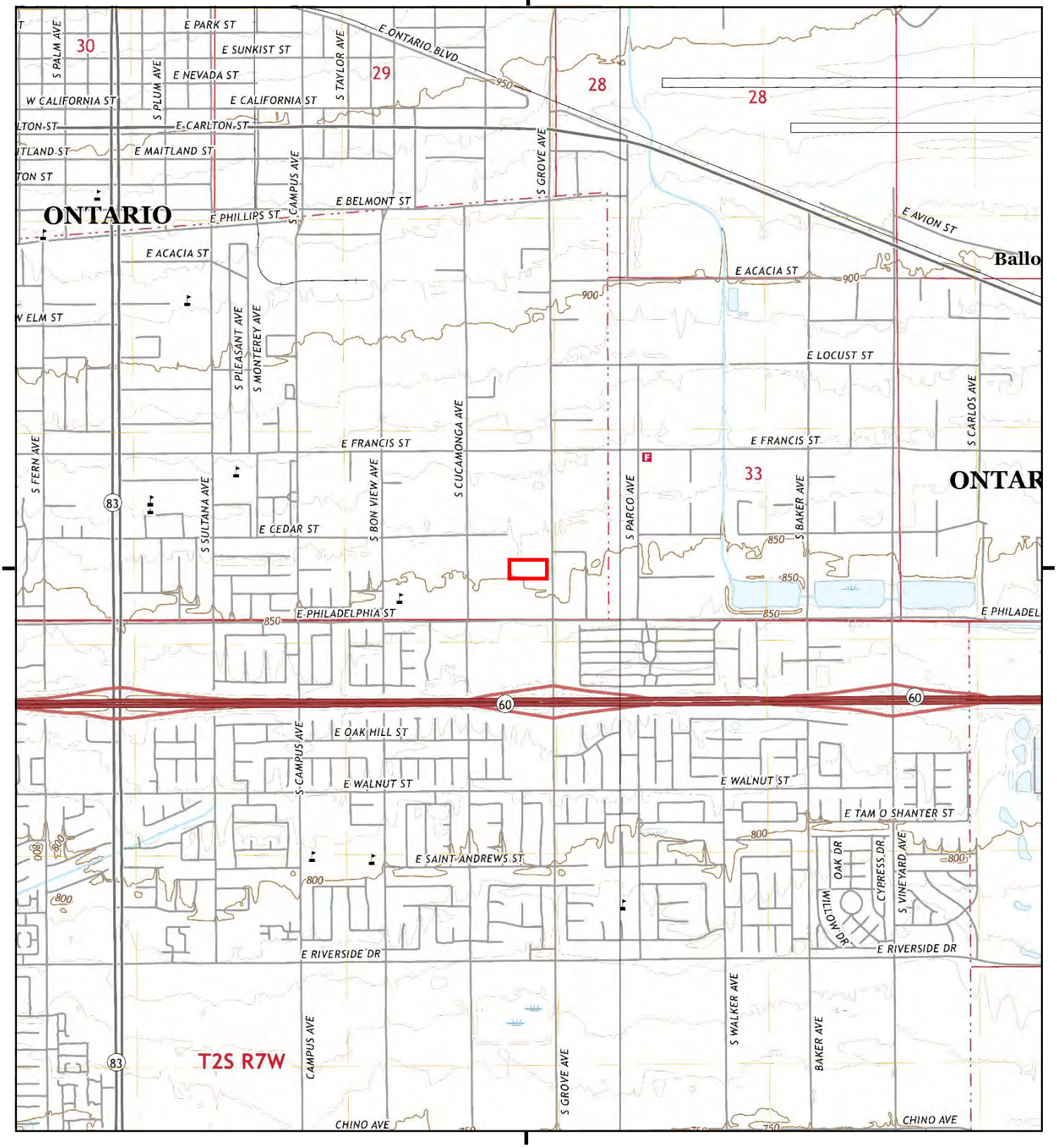
Cucamonga
1900
15-minute, 62500

1897 Source Sheets

Cucamonga
1897
15-minute, 62500

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

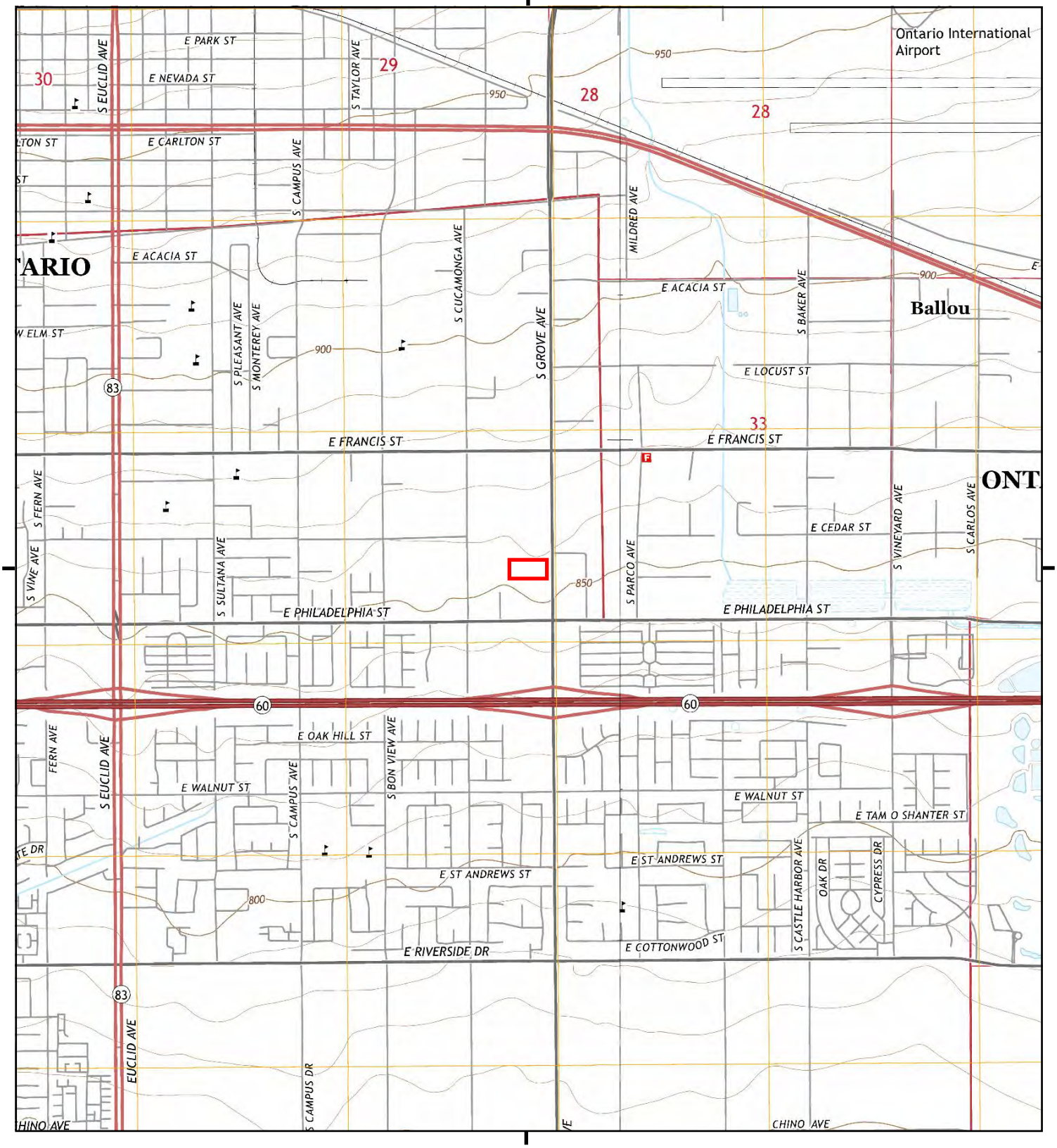
TP, Ontario, 2018, 7.5-minute
NE, Guasti, 2018, 7.5-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

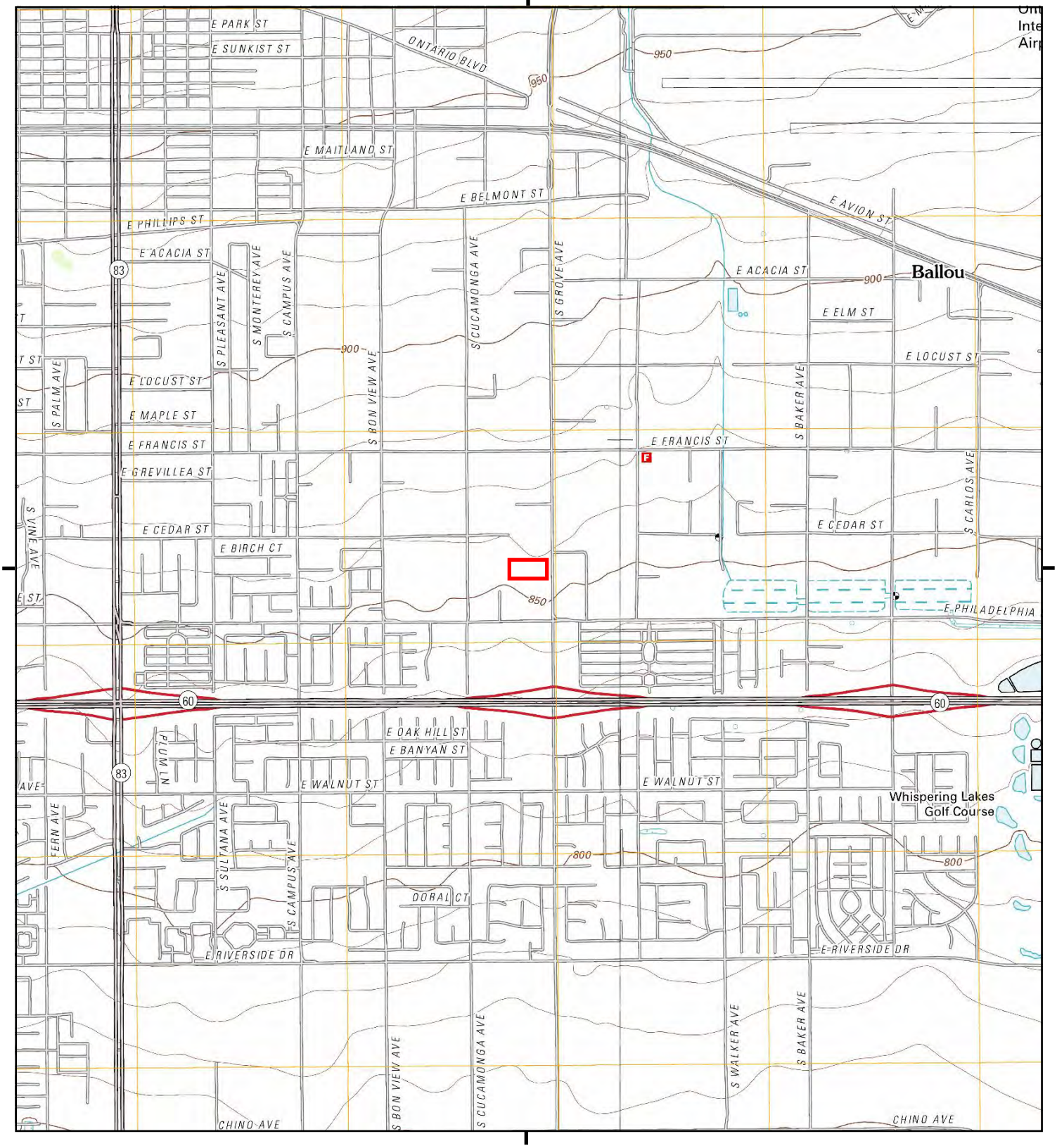
TP, Ontario, 2015, 7.5-minute
NE, Guasti, 2015, 7.5-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

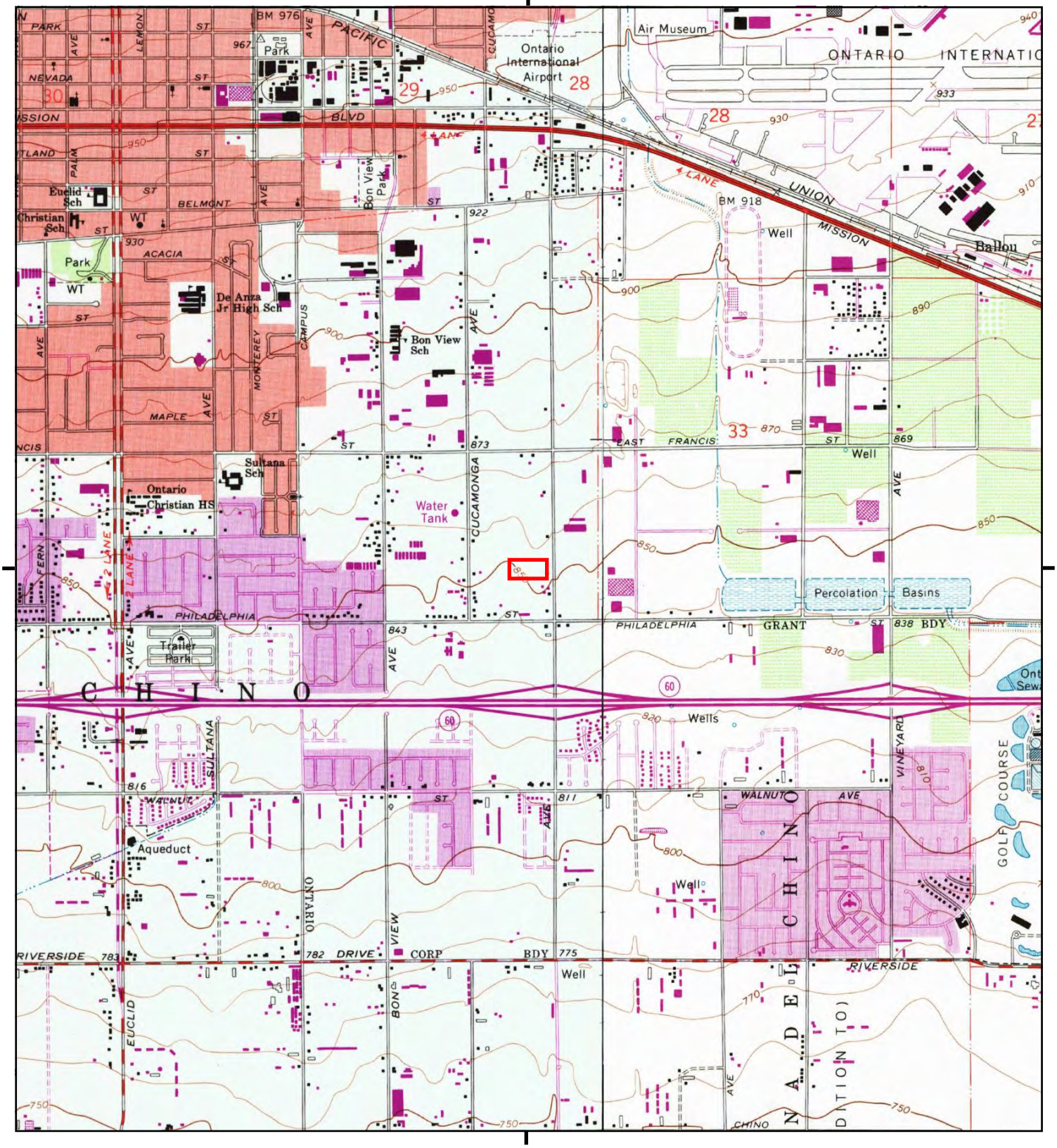
TP, Ontario, 2012, 7.5-minute
NE, Guasti, 2012, 7.5-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N

Historical Topo Map

1981



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

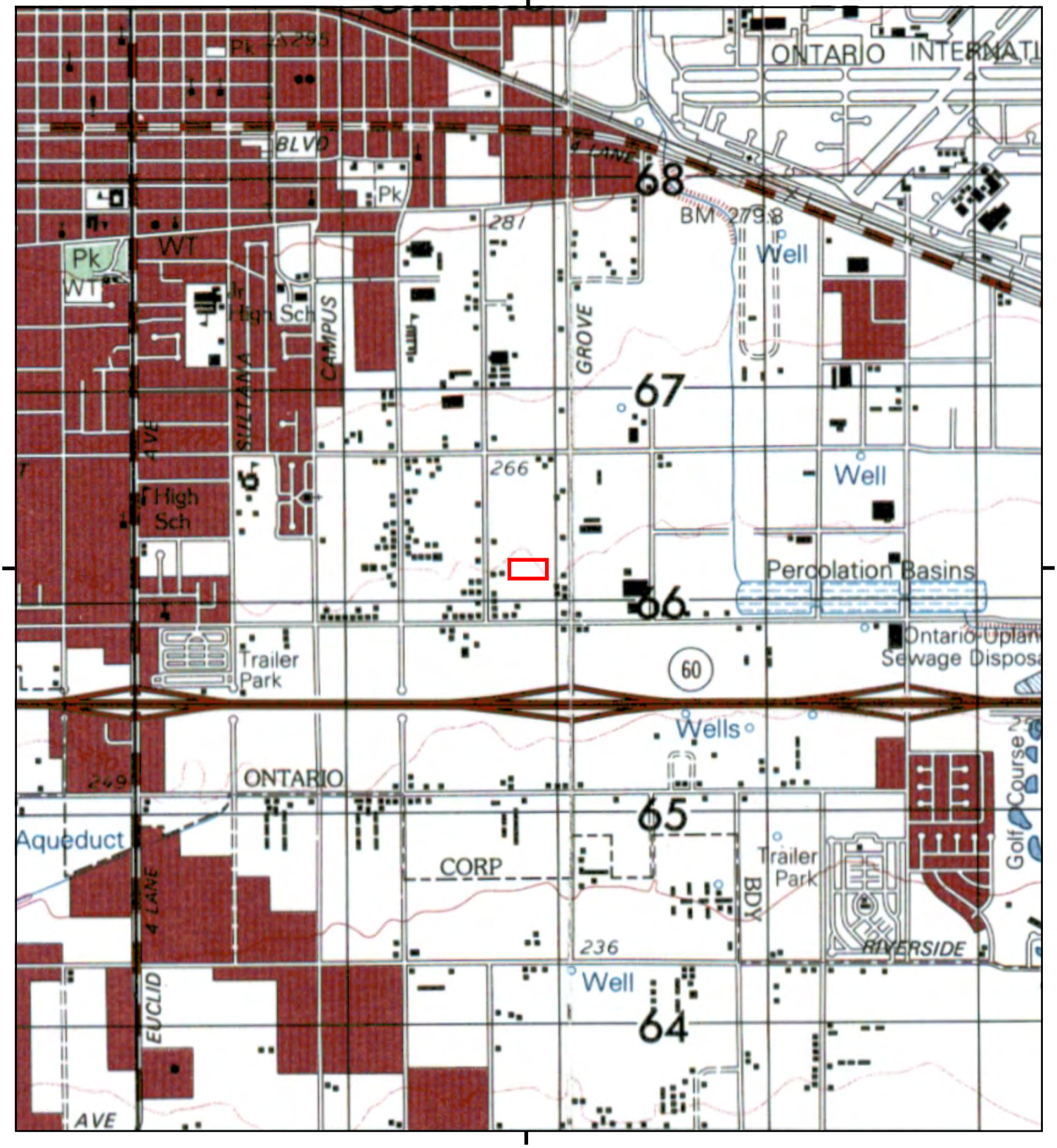
TP, Ontario, 1981, 7.5-minute
NE, Guasti, 1981, 7.5-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N

Historical Topo Map

1976



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

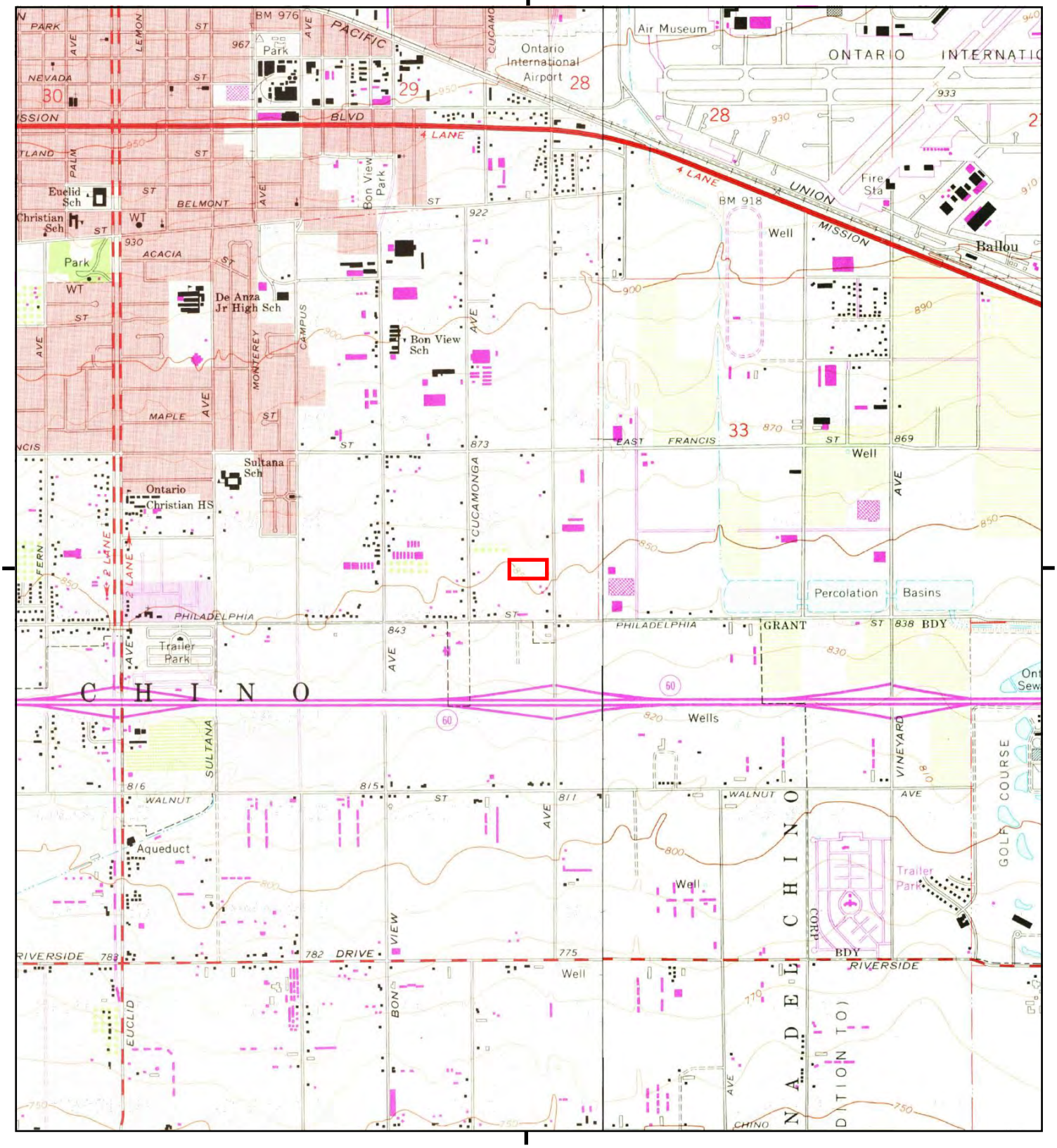
TP, ONTARIO, 1976, 15-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N

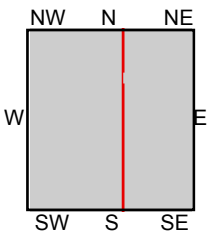
Historical Topo Map

1973



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

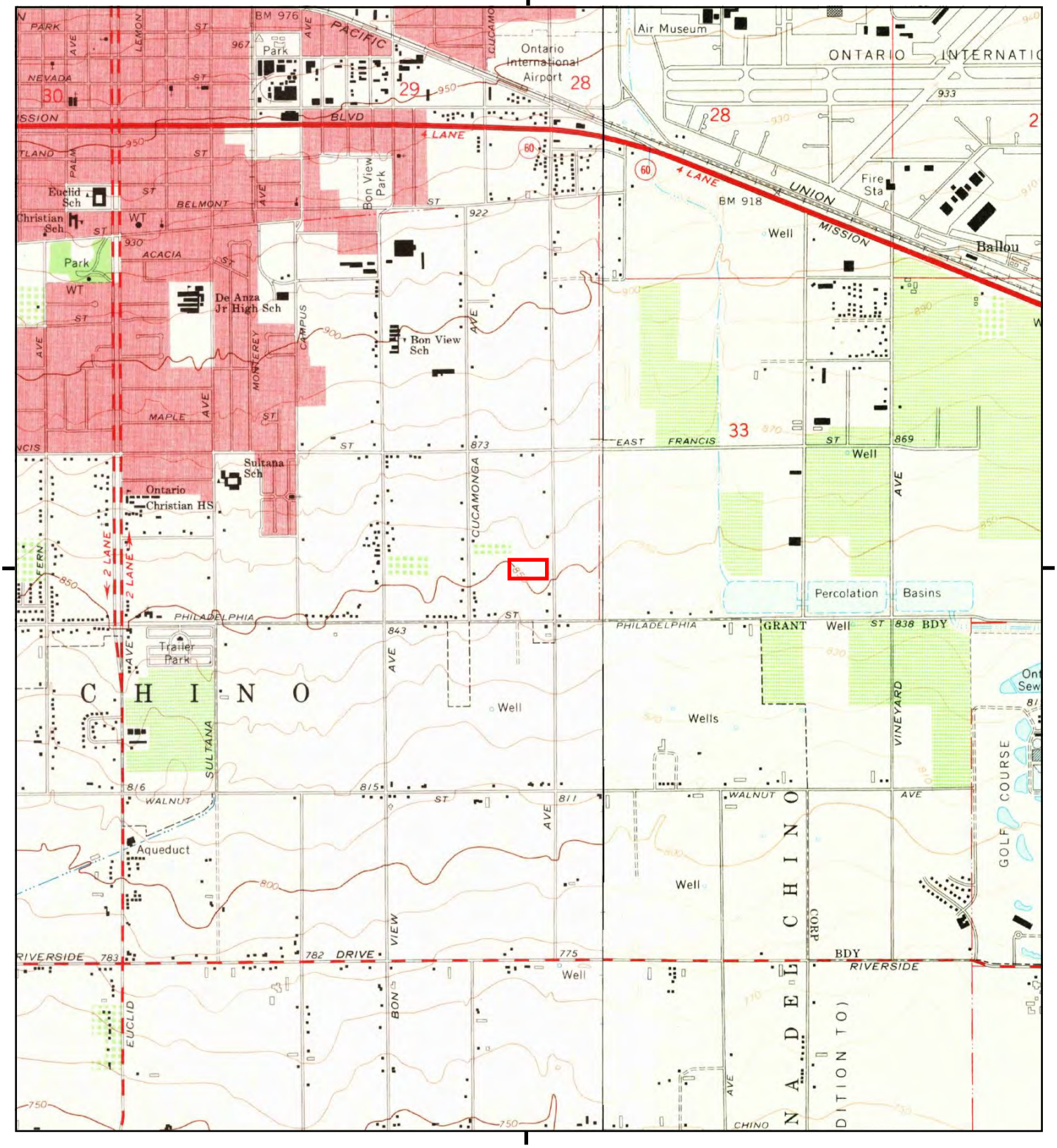


TP, Ontario, 1973, 7.5-minute
NE, Guasti, 1973, 7.5-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

Historical Topo Map

1966, 1967



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

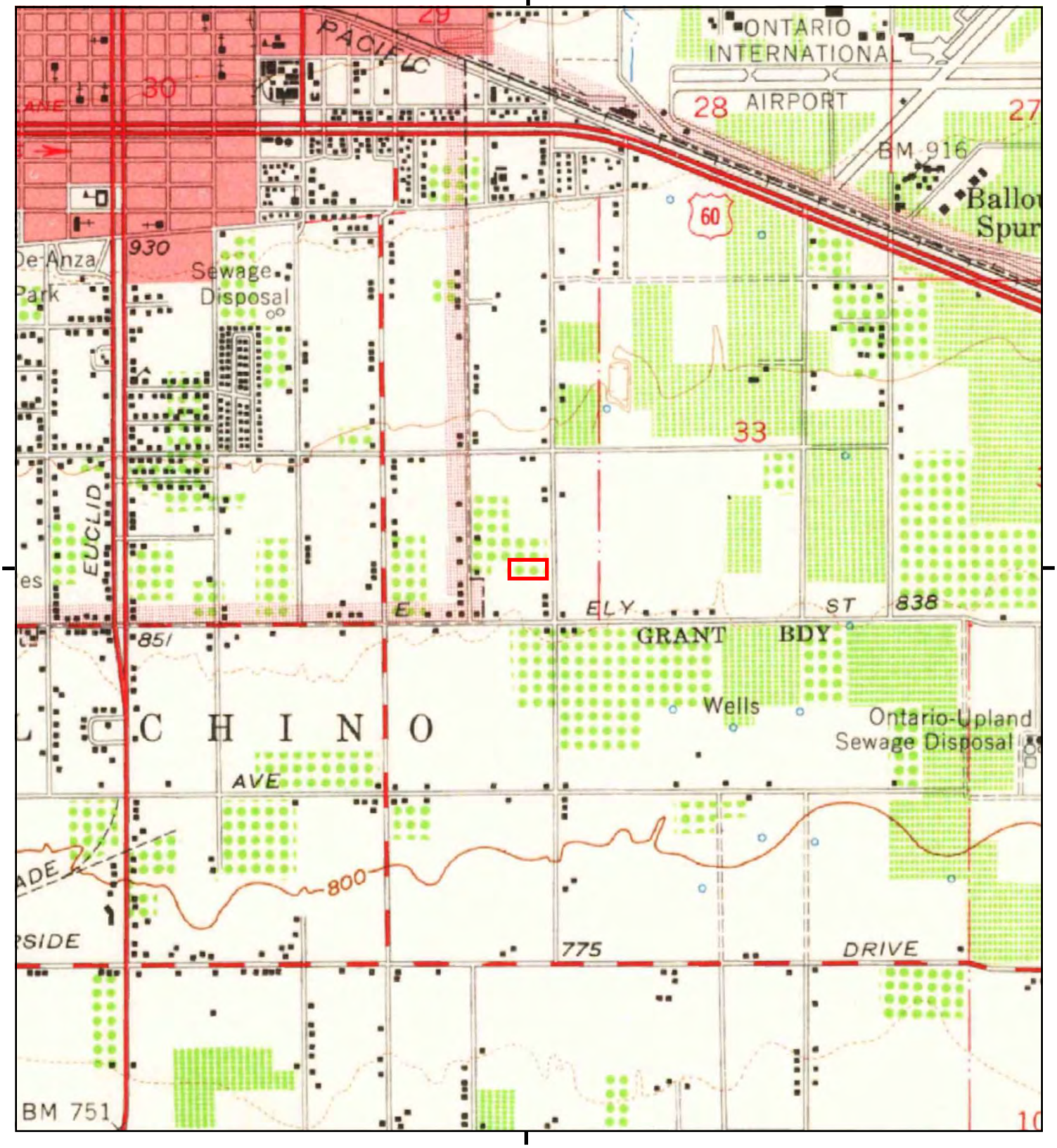
TP, Ontario, 1967, 7.5-minute
NE, Guasti, 1966, 7.5-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N

Historical Topo Map

1954



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

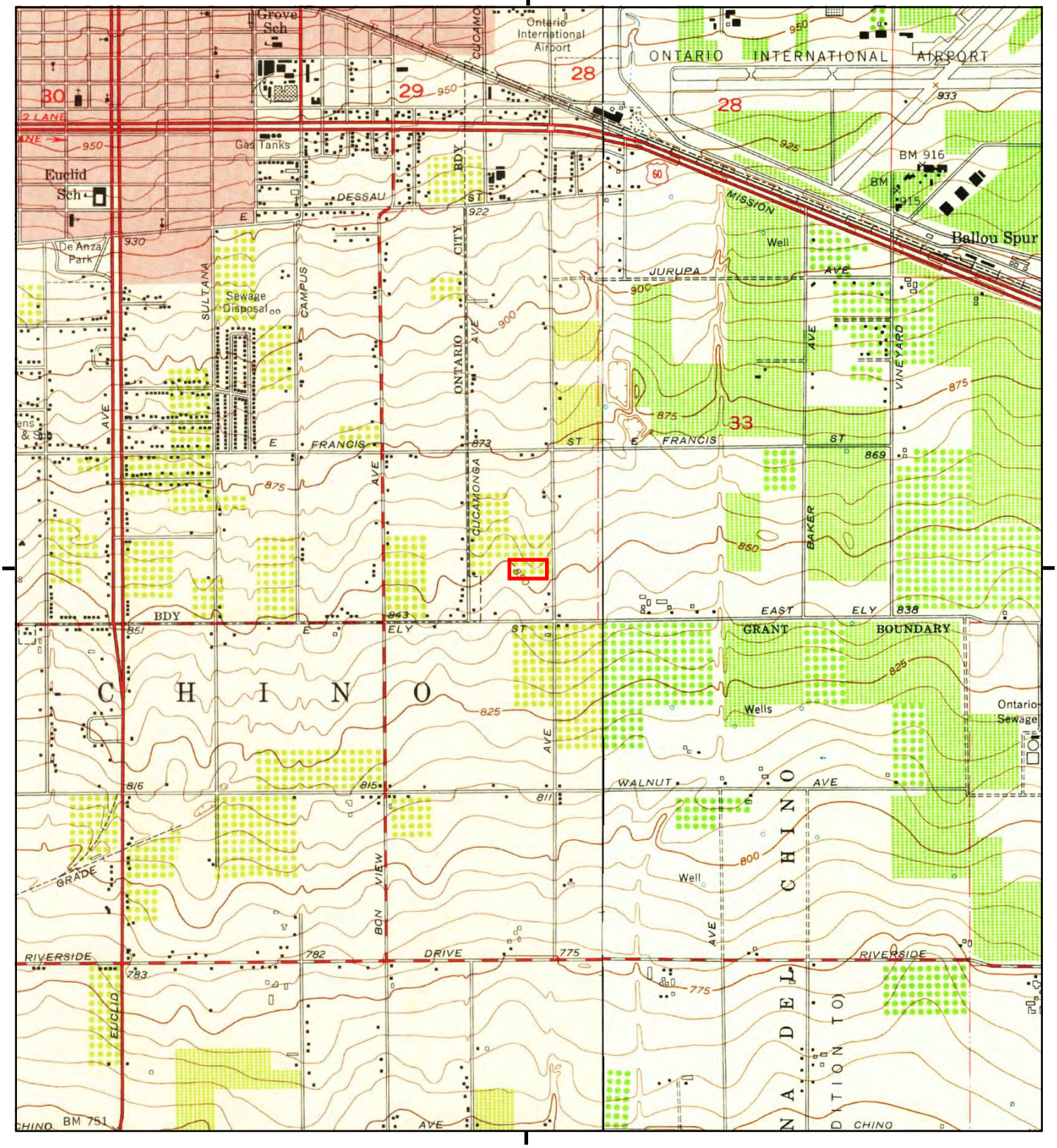
TP, Ontario, 1954, 15-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N

Historical Topo Map

1953, 1954



This report includes information from the following map sheet(s).

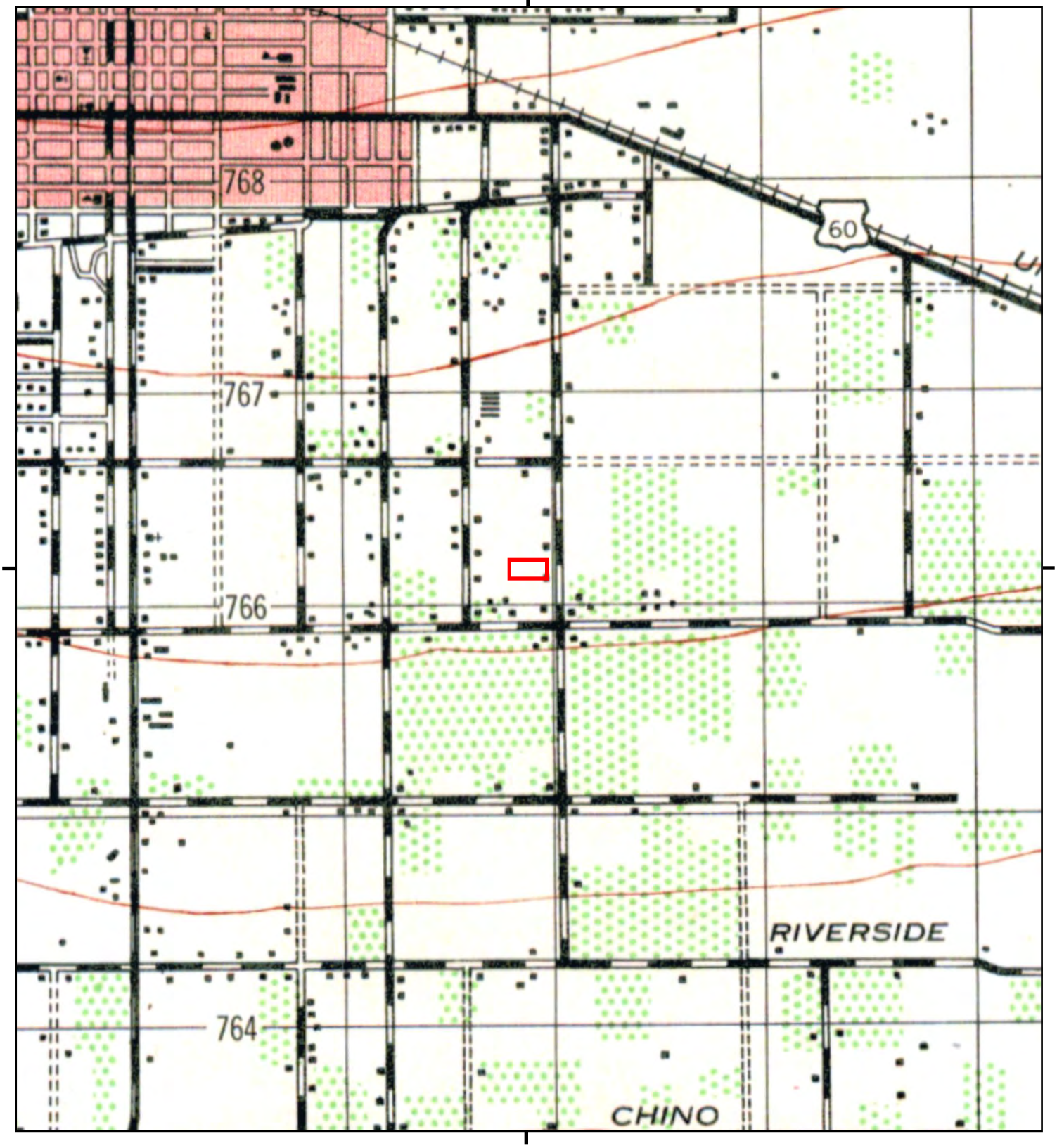
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Ontario, 1954, 7.5-minute
NE, Guasti, 1953, 7.5-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N



This report includes information from the following map sheet(s).

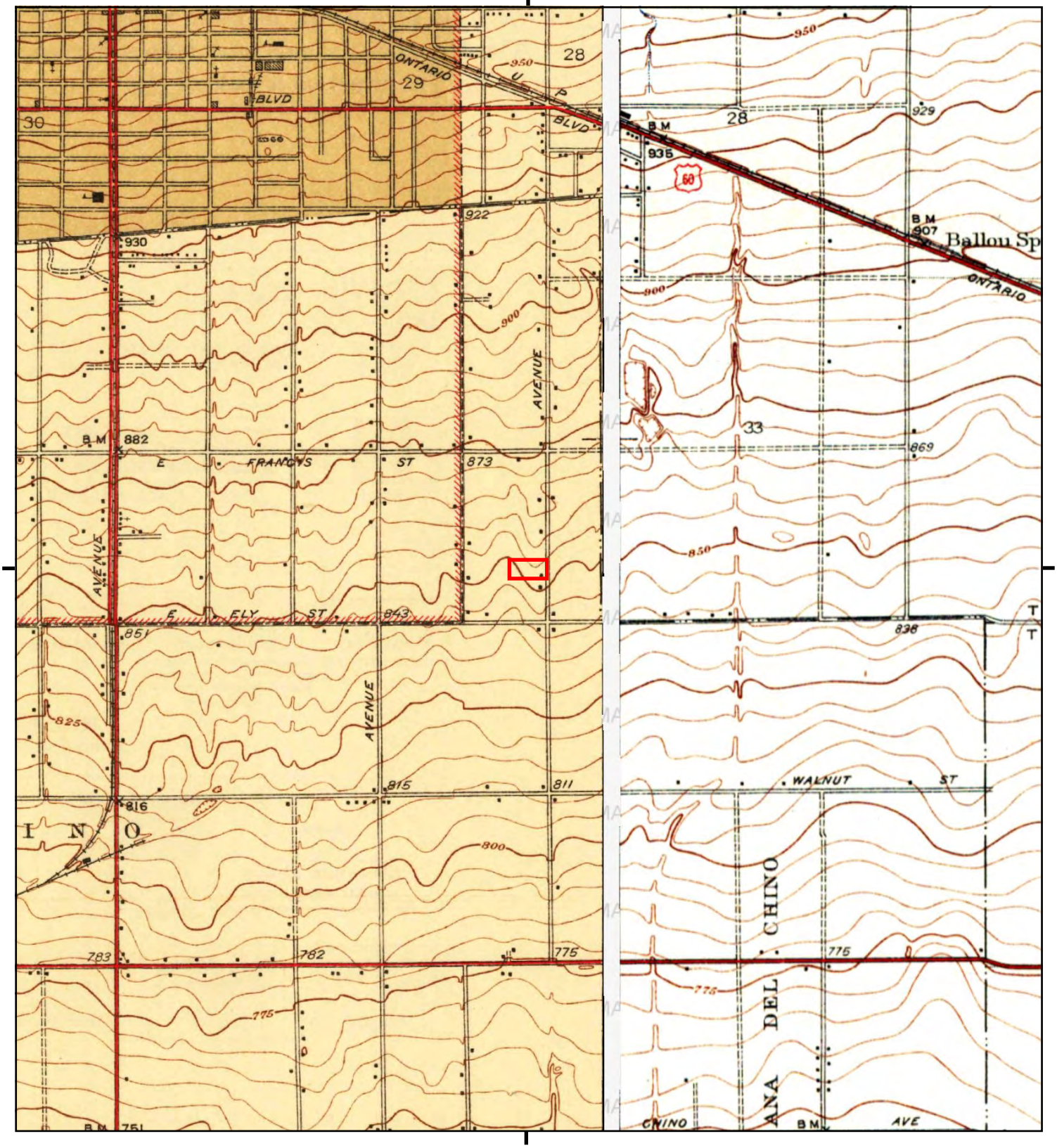
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, CUCAMONGA, 1944, 15-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

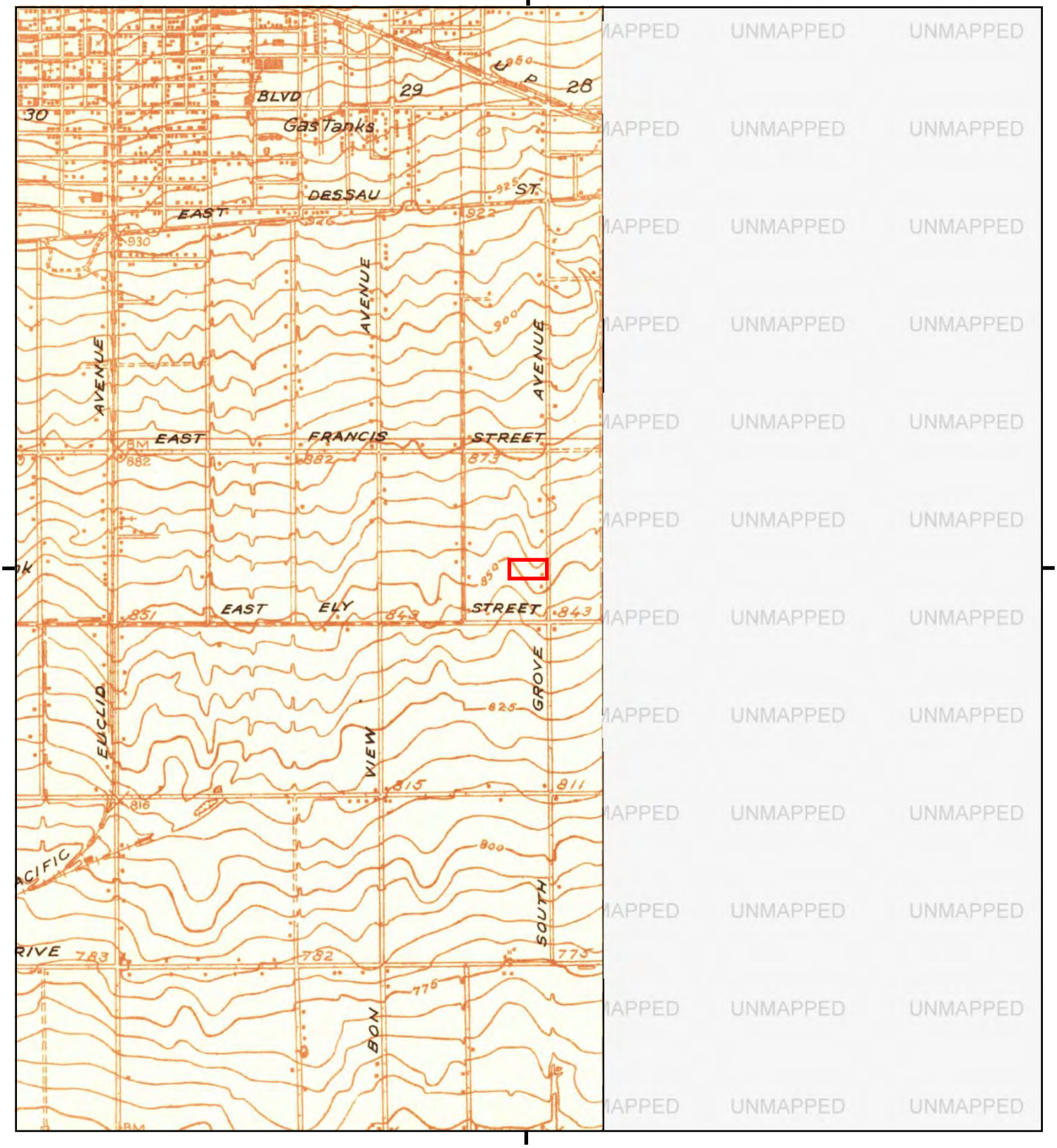
TP, Ontario and Vicinity, 1942, 7.5-minute
NE, GUASTI VICINITY, 1941, 7.5-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N

Historical Topo Map

1933



This report includes information from the following map sheet(s).

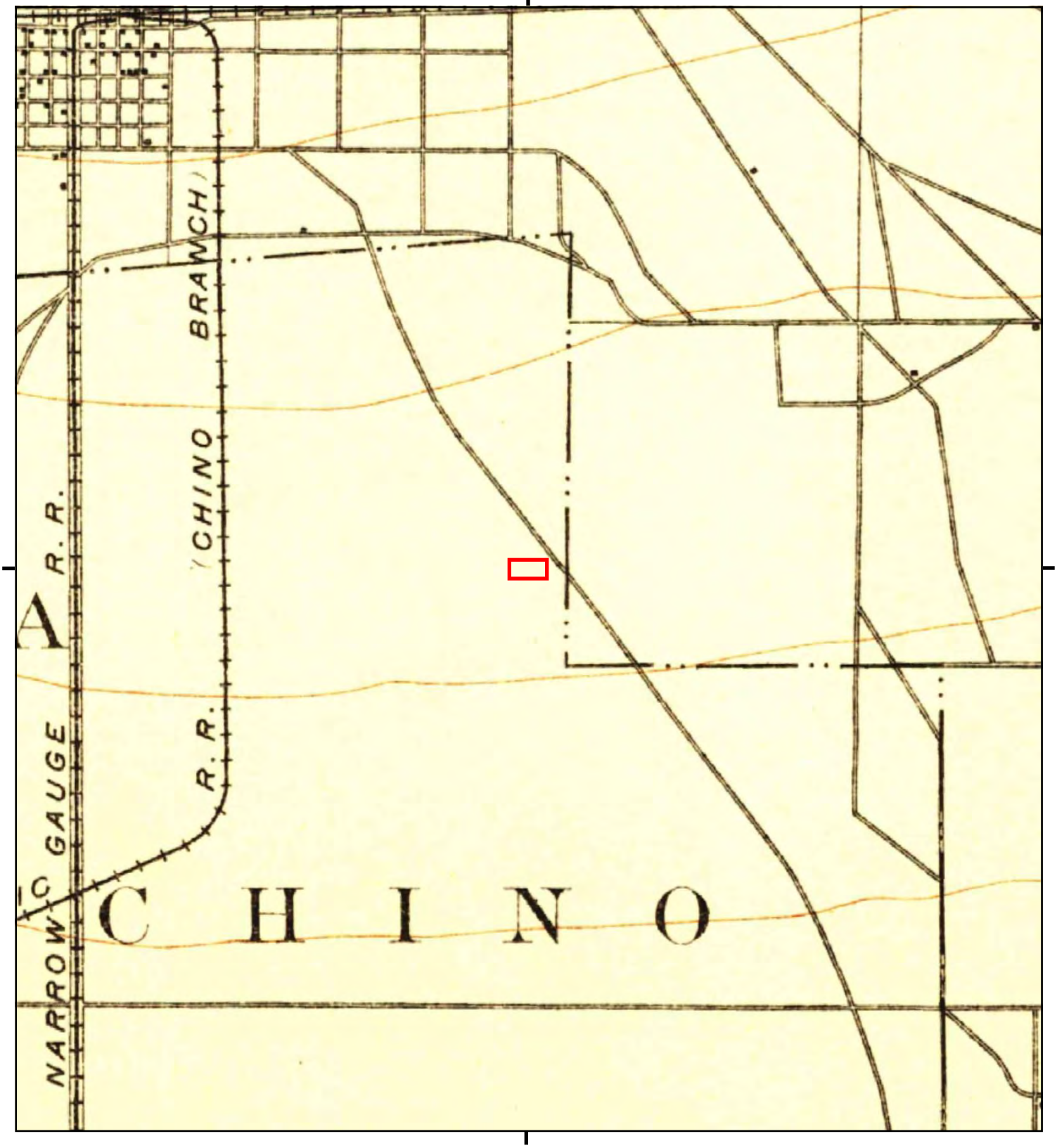
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Ontario, 1933, 7.5-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N



This report includes information from the following map sheet(s).

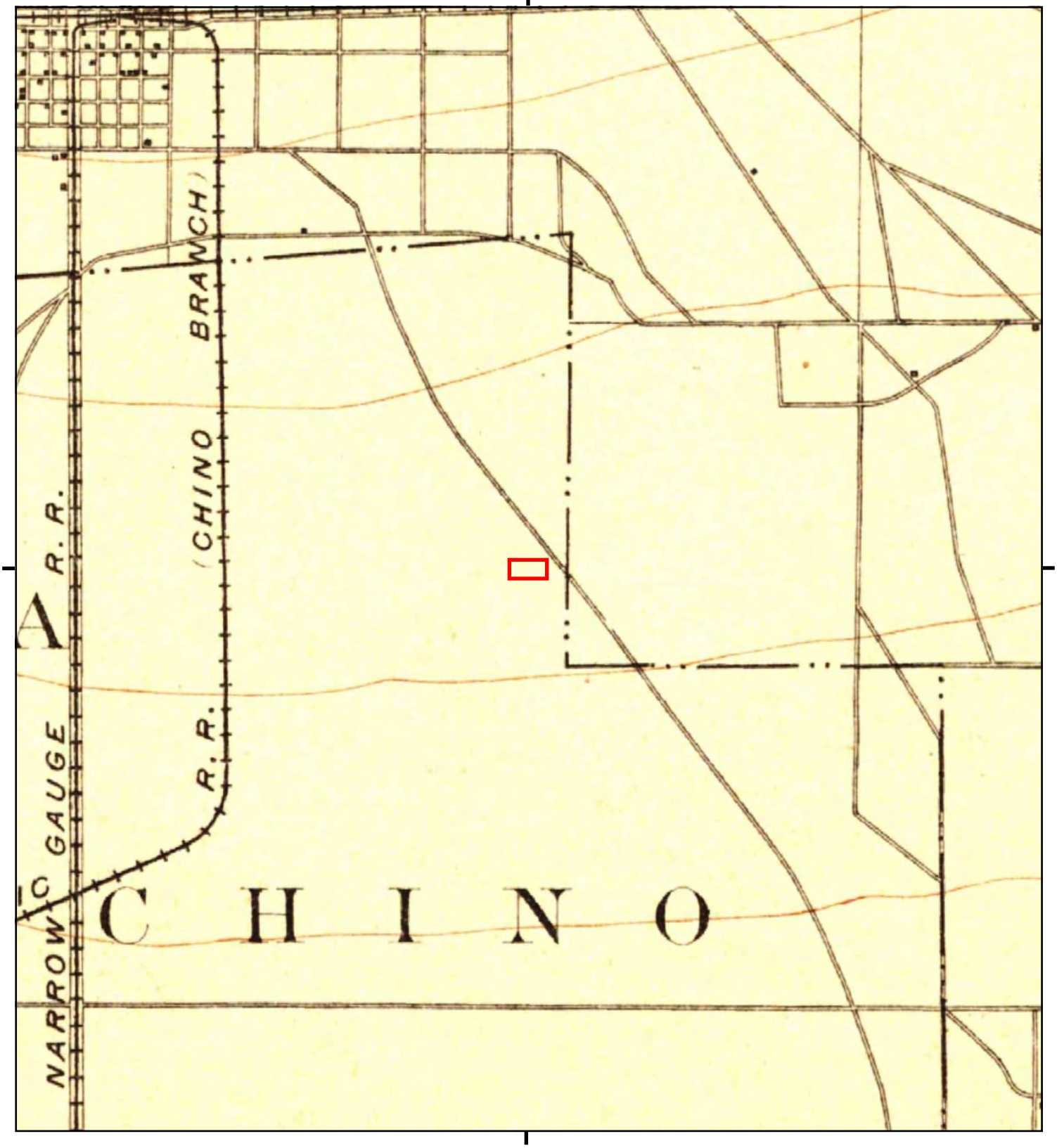
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Cucamonga, 1903, 15-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N



This report includes information from the following map sheet(s).

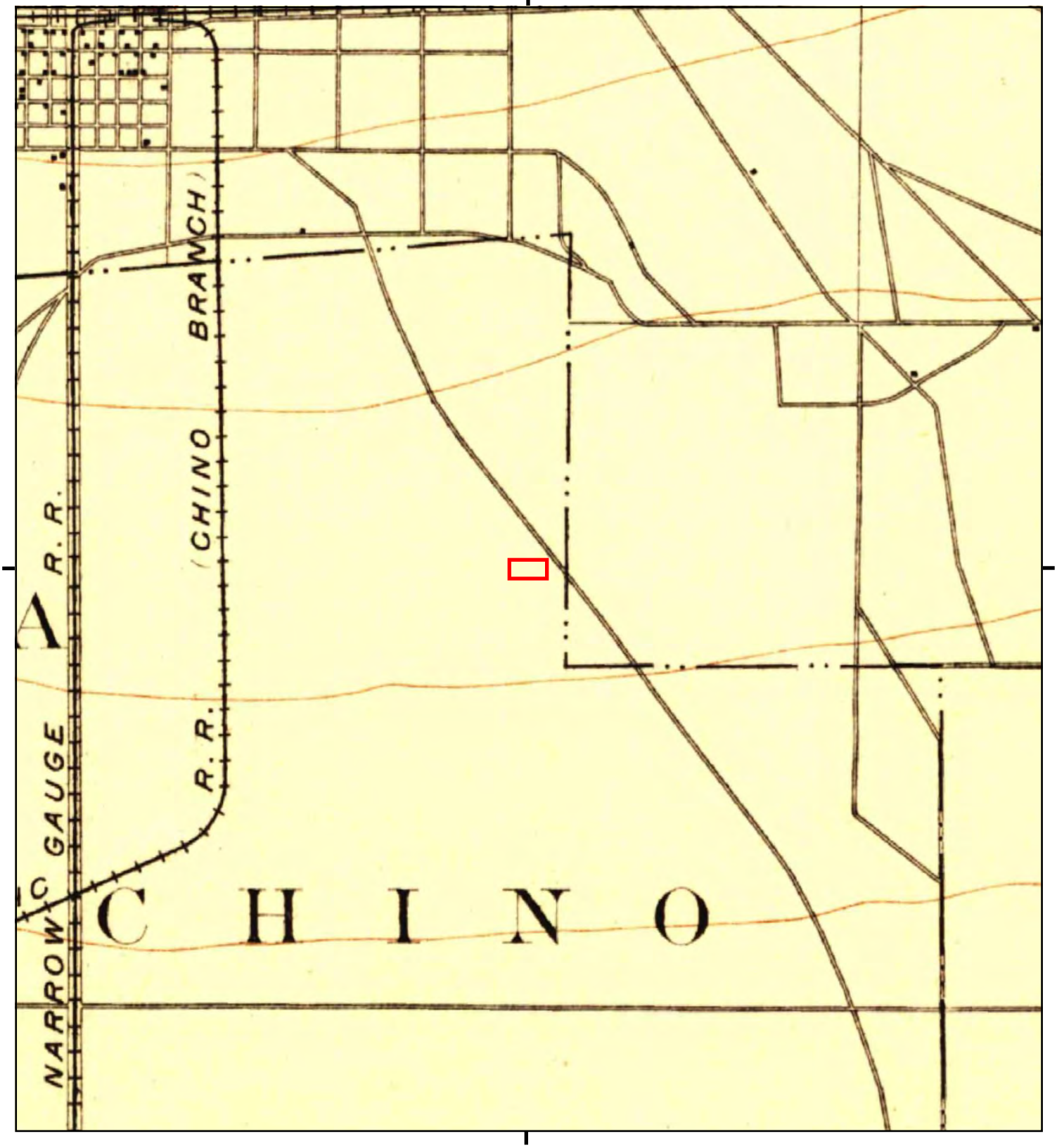
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Cucamonga, 1900, 15-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Cucamonga, 1897, 15-minute

SITE NAME: FIRT Grove Ontario
ADDRESS: 2042 South Grove Avenue
Ontario, CA 91761
CLIENT: Roux Associates

N

APPENDIX C

Historical Aerial Photographs

FIRT Grove Ontario

2042 South Grove Avenue

Ontario, CA 91761

Inquiry Number: 6873683.8

February 24, 2022

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

02/24/22

Site Name:

FIRT Grove Ontario
2042 South Grove Avenue
Ontario, CA 91761
EDR Inquiry # 6873683.8

Client Name:

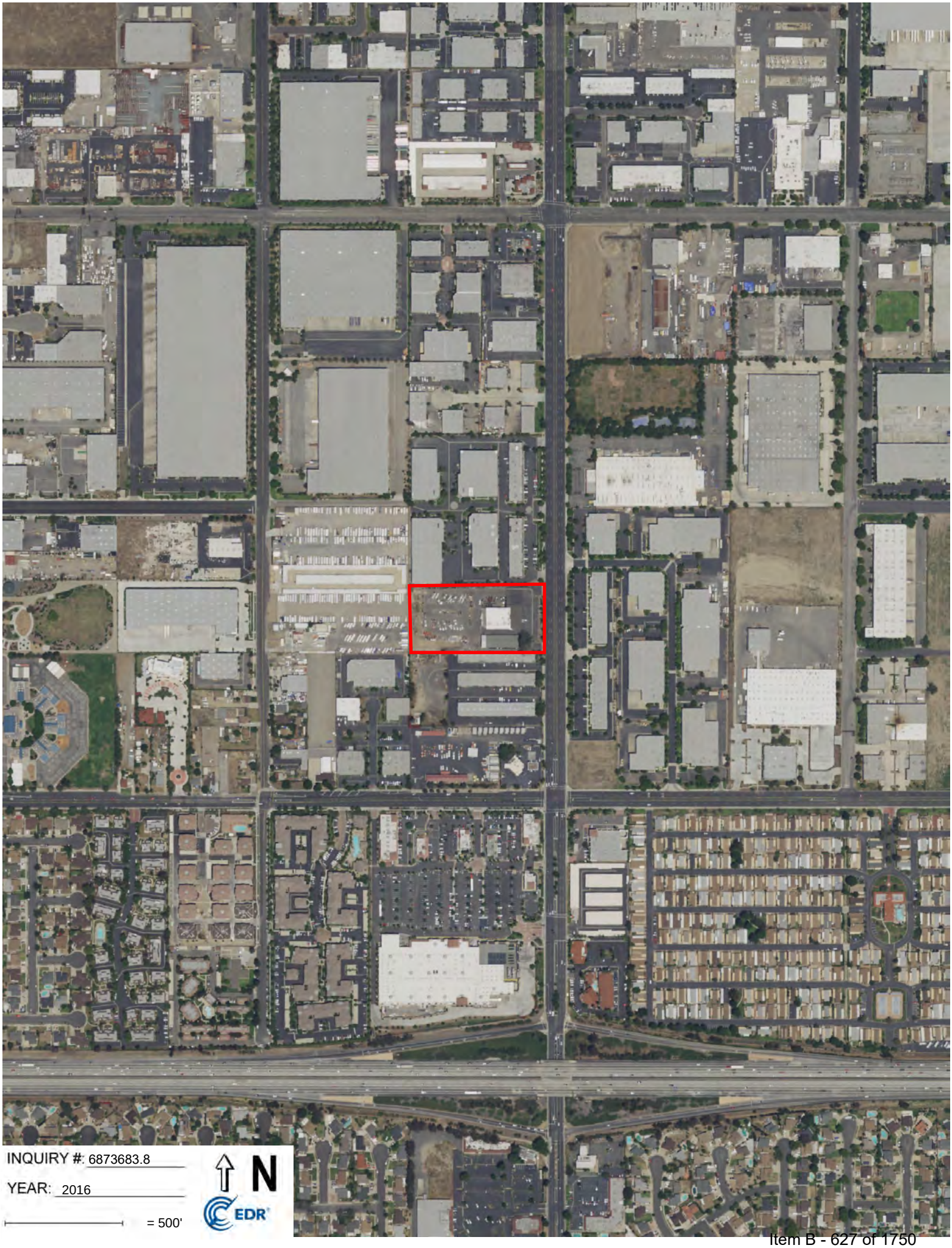
Roux Associates
402 Heron Drive
Logan Township, NJ 08085-0000
Contact: Audrey Clark

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

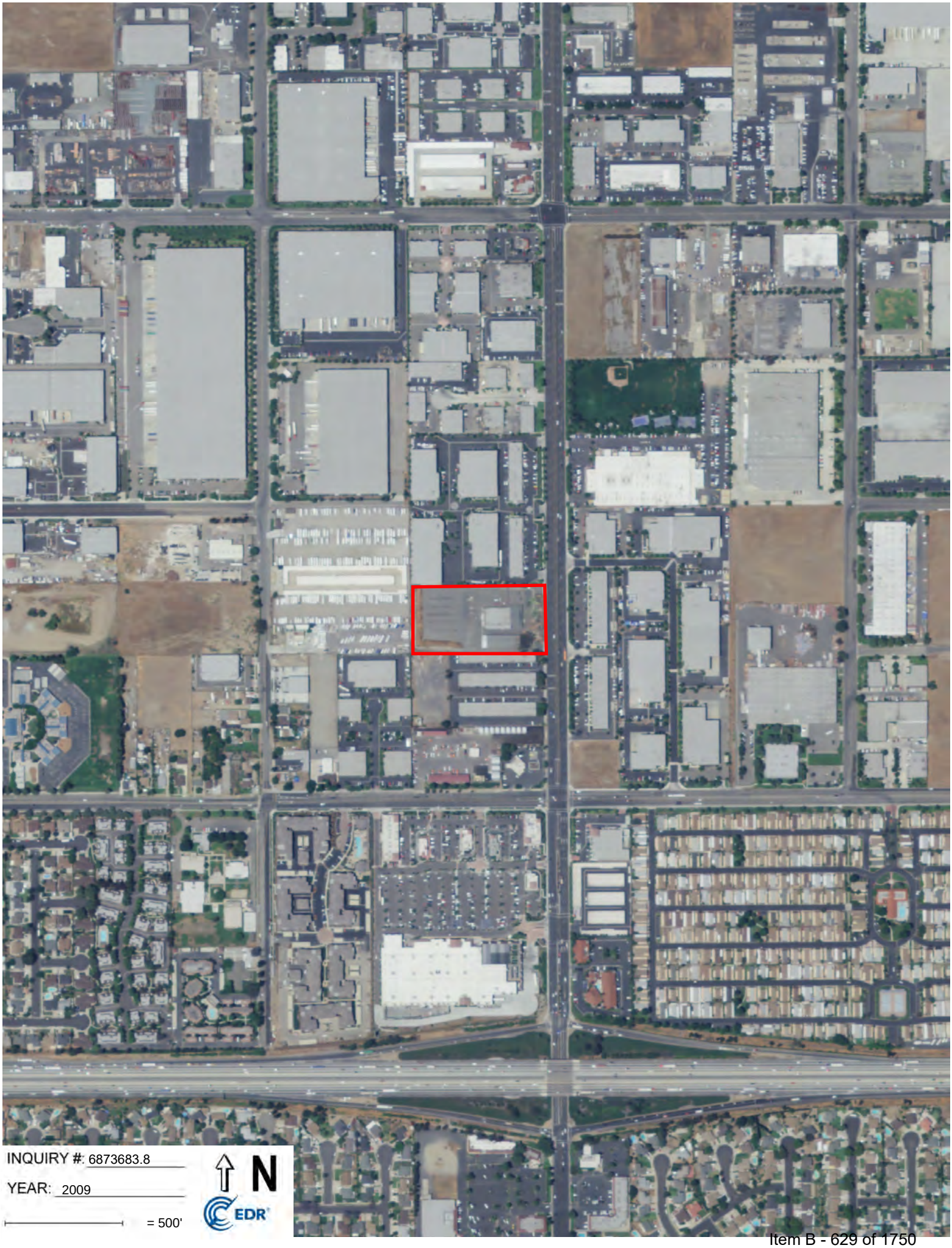
Search Results:

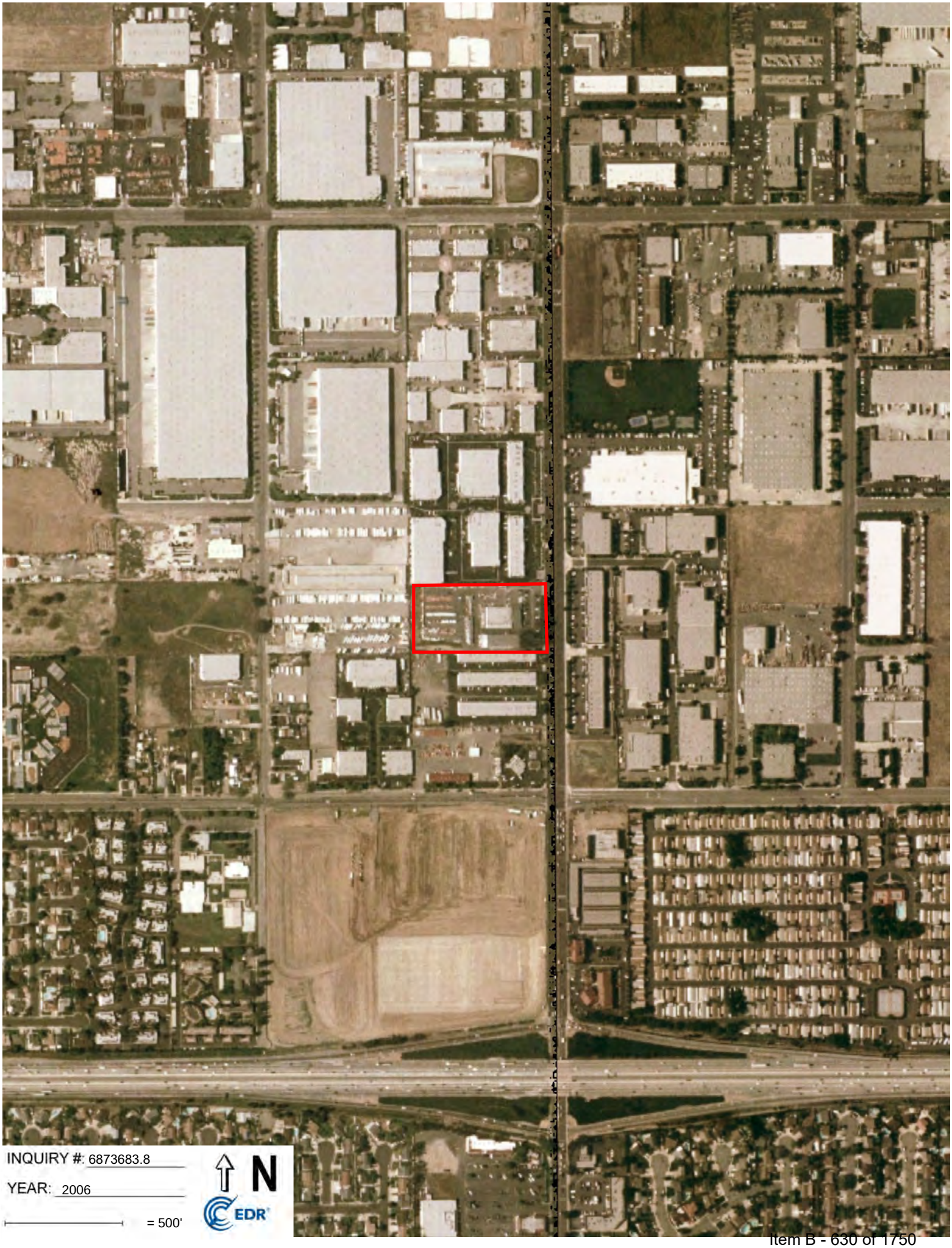
Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2002	1"=500'	Acquisition Date: January 01, 2002	USGS/DOQQ
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1990	1"=500'	Flight Date: August 29, 1990	USDA
1989	1"=500'	Flight Date: August 03, 1989	USDA
1985	1"=500'	Flight Date: July 28, 1985	USDA
1975	1"=500'	Flight Date: August 01, 1975	USGS
1966	1"=500'	Flight Date: April 16, 1966	USGS
1953	1"=500'	Flight Date: March 03, 1953	USDA
1948	1"=500'	Flight Date: July 10, 1948	USGS
1946	1"=500'	Flight Date: December 29, 1946	USGS
1938	1"=500'	Flight Date: June 03, 1938	USDA

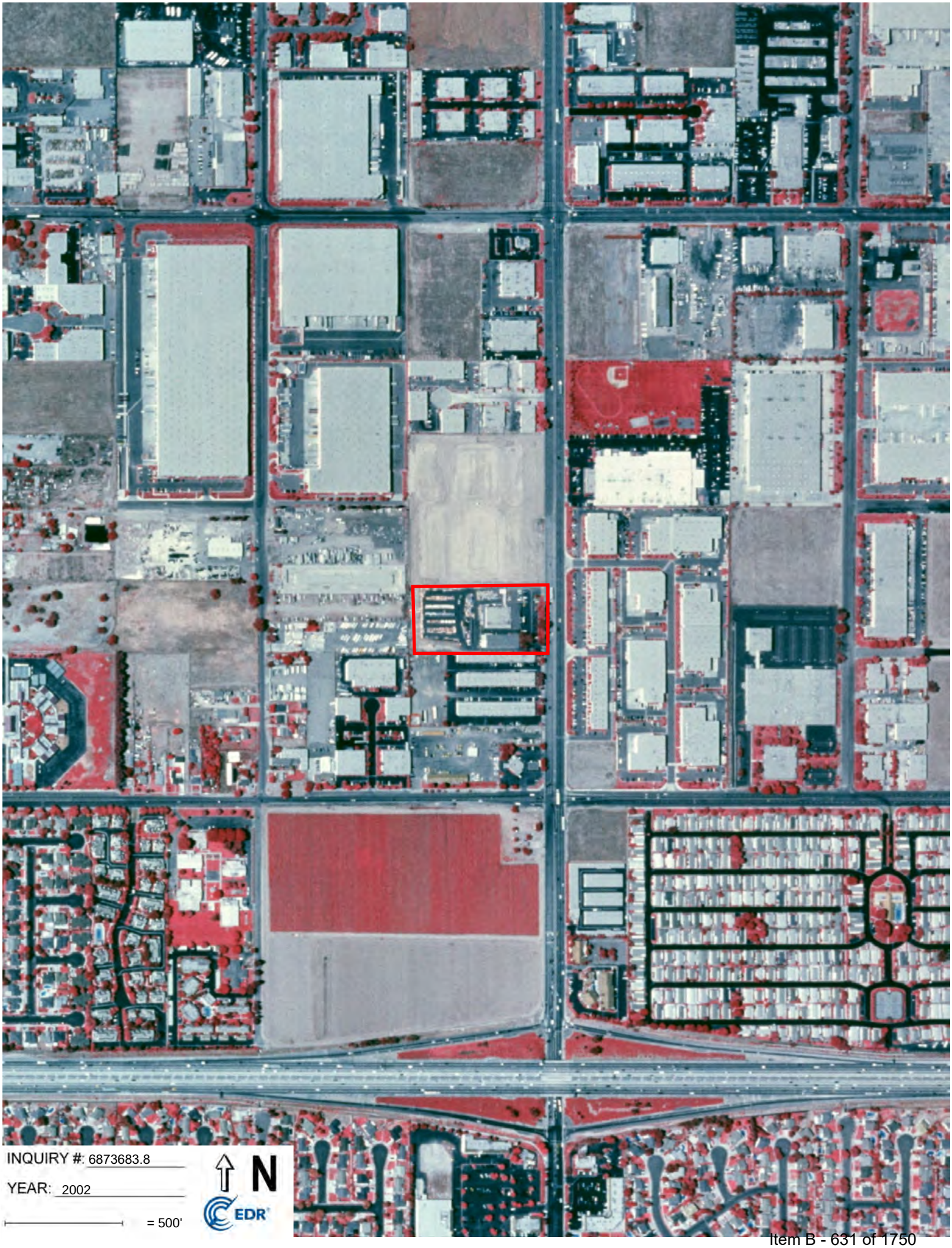
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.


INQUIRY #: 6873683.8
YEAR: 2016
= 500'
N
EDR

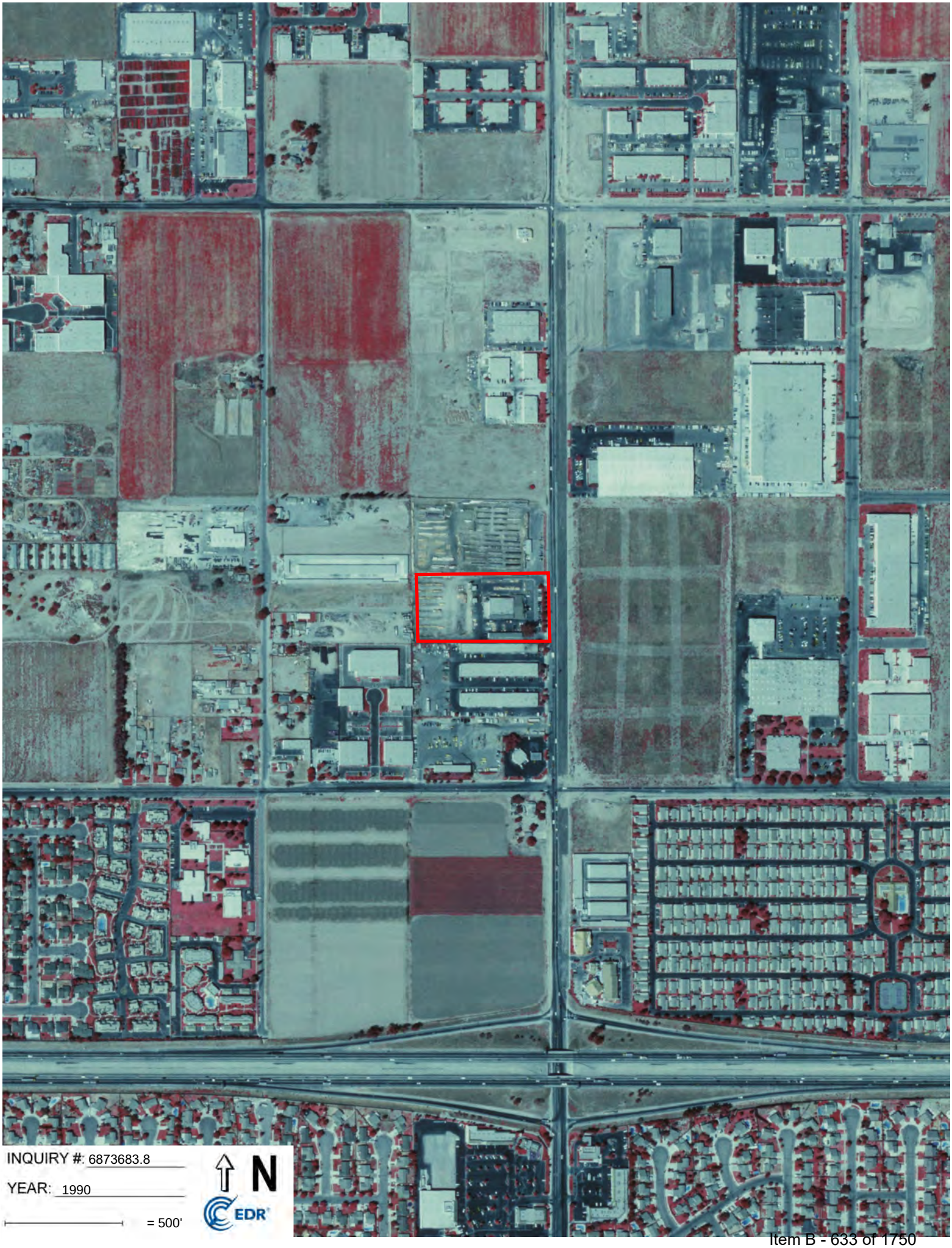

INQUIRY #: 6873683.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 6873683.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 6873683.8
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 6873683.8
YEAR: 2002
= 500'
N
EDR


INQUIRY #: 6873683.8
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 6873683.8
YEAR: 1990
= 500'
N
EDR

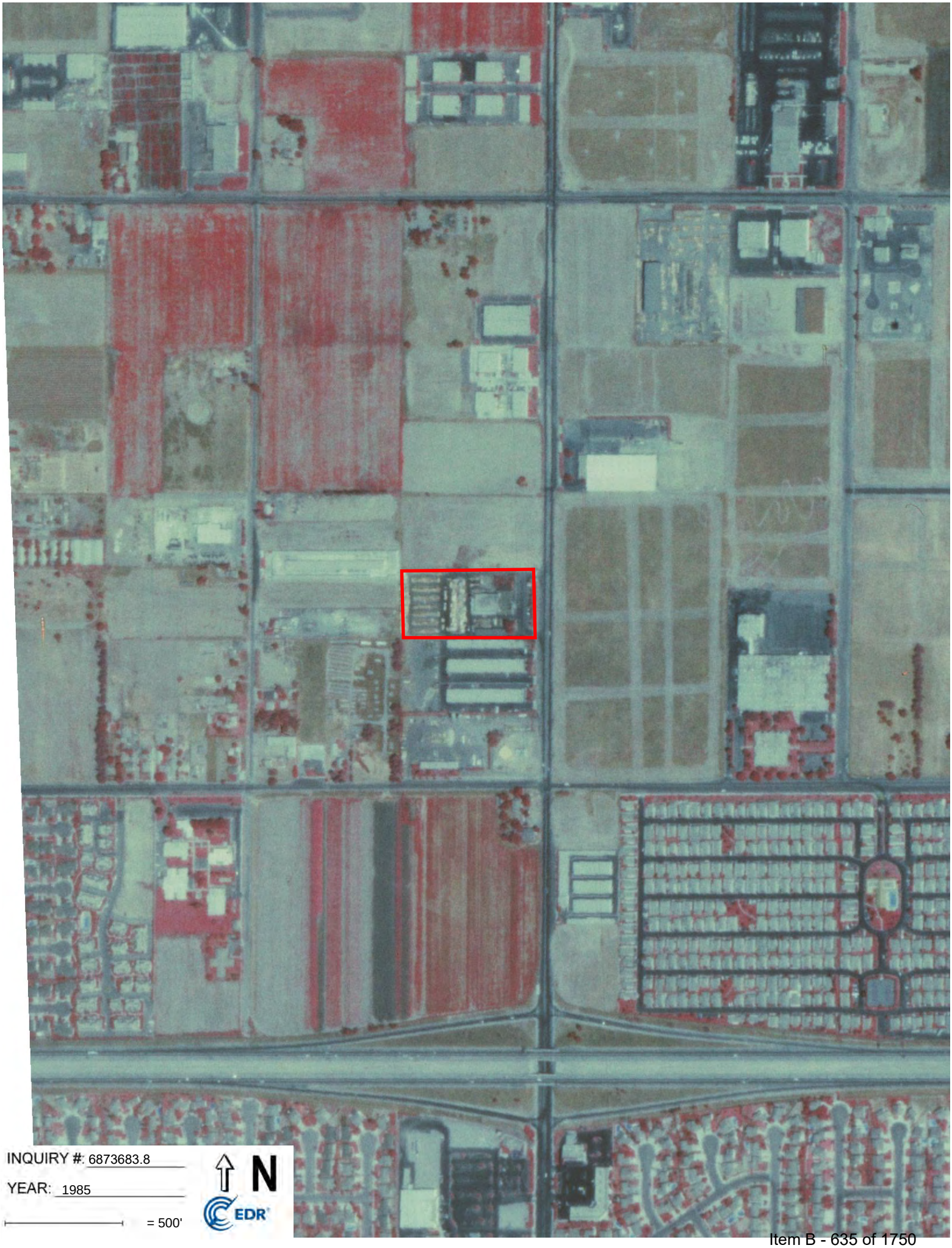
INQUIRY #: 6873683.8

YEAR: 1989

= 500'

N

EDR


INQUIRY #: 6873683.8
YEAR: 1985
= 500'
N
EDR

INQUIRY #: 6873683.8

YEAR: 1975

= 500'

N

EDR


INQUIRY #: 6873683.8
YEAR: 1966
= 500'
N
EDR


INQUIRY #: 6873683.8
YEAR: 1953
= 500'
N
EDR

INQUIRY #: 6873683.8

YEAR: 1948

= 500'

N

EDR


INQUIRY #: 6873683.8
YEAR: 1946
= 500'
N
EDR

INQUIRY #: 6873683.8

YEAR: 1938

= 500'

N

EDR

APPENDIX D

Certified Sanborn Report

FIRT Grove Ontario
2042 South Grove Avenue
Ontario, CA 91761

Inquiry Number: 6873683.3
February 24, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

02/24/22

Site Name:

FIRT Grove Ontario
2042 South Grove Avenue
Ontario, CA 91761
EDR Inquiry # 6873683.3

Client Name:

Roux Associates
402 Heron Drive
Logan Township, NJ 08085-0000
Contact: Audrey Clark

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Roux Associates were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 0BE7-47DA-8B23

PO # NA

Project FIRT Grove Ontario

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 0BE7-47DA-8B23

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Roux Associates (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

APPENDIX E

EDR City Directory Image Report

FIRT Grove Ontario
2042 South Grove Avenue
Ontario, CA 91761

Inquiry Number: 6873683.5
February 25, 2022

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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 1922 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by infoUSA®

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
2017	Cole Information Services	X	X	X	-
2014	Cole Information Services	-	X	X	-
2009	Cole Information Services	-	X	X	-
2008	Haines Company, Inc.	-	X	X	-
	Haines Company, Inc.	X	X	X	-
2004	Cole Information Services	X	X	X	-
2003	Haines & Co Publishers	-	X	X	-
	Haines & Co Publishers	X	X	X	-
2002	Cole Information Services	-	-	-	-
1999	Cole Information Services	X	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1996	GTE	-	-	-	-
1995	GTE Directories	-	X	X	-
	GTE Directories	X	X	X	-
1994	Cole Information Services	X	X	X	-
1991	GTE California Incorporated	-	-	-	-
1990	GTE	-	X	X	-
	GTE	X	X	X	-
1985	GTE	-	X	X	-
	GTE	X	X	X	-
1981	General Telephone Company of California	-	-	-	-
1980	GTE General Telephone Company of California	-	X	X	-
	GTE General Telephone Company of California	X	X	X	-
1975	GTE Directories	-	X	X	-
1970	General Telephone Company of California	-	X	X	-
1965	GTE	-	-	-	-
1964	Luskey Brothers & Co	-	X	X	-
1961	Luskey Brothers& Co Publishers	-	-	-	-
1960	General Telephone Company Publishers	-	X	X	-
1956	General Telephone Company Publishers	-	-	-	-
1955	Luskey Brothers Co Publishers	-	-	-	-
1951	Los Angeles Directory Co Publishers	-	-	-	-
1950	The Pacific Telephone and Telegraph Co	-	-	-	-
1949	San Bernardino Directory Co. Publishers	-	-	-	-
1946	Los Angeles Directory Company Publishers	-	-	-	-
1945	Southern Califronia Telephone Company	-	-	-	-
1942	San Bernardino Directory Co Publisher	-	-	-	-
1941	Associated Telephone Company Limited	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Co.	-	-	-	-
1936	San Bernardino Directory Co Publisher	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	-	-	-
1930	San Bernardino Directory Co Publisher	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Company	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1922	R.L. Polk & Co Publishers	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

2042 South Grove Avenue
Ontario, CA 91761

FINDINGS DETAIL

Target Property research detail.

GROVE AVE S

2042 GROVE AVE S

Year	Uses	Source
2003	CROLL Raymond	Haines & Co Publishers
	GROVE HARDWARE & LUMBER	Haines & Co Publishers
	GROVE LUMBER & BUILDING SUPPLIES	Haines & Co Publishers

S GROVE AVE

2042 S GROVE AVE

Year	Uses	Source
2017	HHS COMMUNICATIONS	Cole Information Services
2008	GROVE LUMBER & HARDWARE	Haines Company, Inc.
2004	RICKY KING	Cole Information Services
1999	ECLYPSE INTERNATIONAL	Cole Information Services
	GROVE LUMBER & BUILDING SUPPLIES	Cole Information Services
	PORTRAIT HOMES	Cole Information Services
	SPRINT ELECTRIC	Cole Information Services
	SUPERIOR CONSTRUCTION INCORPORATED	Cole Information Services
1995	CALIFORNIA BUILDING	GTE Directories
	ECLYPSE INTERNATIONAL	GTE Directories
	SUPERIOR CONSTRUCTN	GTE Directories
	v SPRINT ELECTRIC	GTE Directories
1994	CALIFORNIA BUILDING MATERIALS	Cole Information Services
	ECLYPSE INTERNATIONAL	Cole Information Services
	NATURE TECH LANDSCAPING	Cole Information Services

FINDINGS

Year	Uses	Source
1994	SUPERIOR CONSTRUCTION INC	Cole Information Services
1990	Superior Construction Inc	GTE
1985	GROVE LUMBER/BUILDNG	GTE
	L & J CONSTR INC	GTE
	SUPERIOR CONSTRUCTN	GTE
1980	MGROVE LUMBER/BUILDNG	GTE General Telephone Company of California
	MSUPERIOR CONSTRUCTN	GTE General Telephone Company of California

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

E CHIEF PRIVADO

1321 E CHIEF PRIVADO

Year	Uses	Source
2017	LKY GROUP INC	Cole Information Services
	FEDAR INDUSTRIAL GROUP INC	Cole Information Services
	RUCA USA	Cole Information Services
2014	RUCA USA	Cole Information Services
	AIM SPORTS INC	Cole Information Services
2004	CINDY WANG	Cole Information Services

1351 E CHIEF PRIVADO

Year	Uses	Source
2017	FIRST INDO AMERICAN CORP	Cole Information Services
2014	FIRST INDO AMERICAN CORP	Cole Information Services
2009	FIRST INDO AMERICAN CORP	Cole Information Services
	EMPIRE ENTERPRISE	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	CELEBES ENT INC	Cole Information Services

E CHIEF PRIVADO ST

1321 E CHIEF PRIVADO ST

Year	Uses	Source
2008	RUCA USA INC	Haines Company, Inc.

1351 E CHIEF PRIVADO ST

Year	Uses	Source
2008	FIRST INDO AMERICAN CORP	Haines Company, Inc.

FINDINGS

GROVE AVE S

1960 GROVE AVE S

Year	Uses	Source
2003	XXXX	Haines & Co Publishers

2040 GROVE AVE S

Year	Uses	Source
2003	XXXX	Haines & Co Publishers

2124 GROVE AVE S

Year	Uses	Source
2003	GARYS GRINDING & HARD CHRME INC	Haines & Co Publishers
	MAJOR MOTION COMPANY	Haines & Co Publishers
	R & R MACHINE	Haines & Co Publishers
	SOSA ELECTRIC	Haines & Co Publishers
	A J &E PRECISION MACHINING	Haines & Co Publishers
	CANO ARCHITECTURE CONCRETE RPR	Haines & Co Publishers
	D & J INDUSTRIES	Haines & Co Publishers
	DAY N NITE SIGNS	Haines & Co Publishers

2128 GROVE AVE S

Year	Uses	Source
2003	BUILDING	Haines & Co Publishers
	AGL LASERSOURCE	Haines & Co Publishers
	CALICO GRAPHICS	Haines & Co Publishers
	CHARTER EQP SLS	Haines & Co Publishers
	DENTON RACING LLC	Haines & Co Publishers
	EMERPAC PRINTING INC	Haines & Co Publishers
	THEE FINAL TOUCH	Haines & Co Publishers
	GUZMAN APPLIANCES	Haines & Co Publishers
	HEIDER ENGINEERING	Haines & Co Publishers
	M E I ONTARIO	Haines & Co Publishers
	NITE & DAY SIGNS	Haines & Co Publishers
	SKINNER JIM CONSTR	Haines & Co Publishers
	EVER GLOW SIGNS	Haines & Co Publishers

FINDINGS

2131 GROVE AVE S

Year	Uses	Source
2003	SAUL LEASING LP	Haines & Co Publishers
	PANATTONI CONSTRUCTION INC	Haines & Co Publishers
	AUDIO GRAPHIC SYSTEMS	Haines & Co Publishers
	HANDYMAN CONNECTION	Haines & Co Publishers
	INTERIORS WEST	Haines & Co Publishers

2132 GROVE AVE S

Year	Uses	Source
2003	SMARTBUY WHOLESALE	Haines & Co Publishers
	PERMA LIFE COATINGS INC	Haines & Co Publishers
	MASTERBURR	Haines & Co Publishers
	MAST THOMAS	Haines & Co Publishers
	I D BURR	Haines & Co Publishers
	THUNDERBIRD PACIFIC	Haines & Co Publishers
	G M C CORROSION	Haines & Co Publishers
	ECONOMATED MACHINE CO	Haines & Co Publishers
	HUNTER DALE ENGINEERING	Haines & Co Publishers

2151 GROVE AVE S

Year	Uses	Source
2003	XXXX	Haines & Co Publishers

S GREEN PRIVADO ST

2126 S GREEN PRIVADO ST

Year	Uses	Source
2008	YAMA SEIKI USA INC	Haines Company, Inc.

2133 S GREEN PRIVADO ST

Year	Uses	Source
2008	XXXX	Haines Company, Inc.

2134 S GREEN PRIVADO ST

Year	Uses	Source
2008	GRAND VIEW GLASS&METAL	Haines Company, Inc.

FINDINGS

S GROVE AVE

1938 S GROVE AVE

Year	Uses	Source
2017	GOLD TICKET COMMUNICATIONS	Cole Information Services
2004	SPAS CHARISMA	Cole Information Services
1999	CHARISMA SPAS	Cole Information Services
	CHARISMA SPAS	Cole Information Services
	FIBER DESIGN INTERNATL	Cole Information Services
1994	FIBER DESIGN INTL	Cole Information Services
	CHARISMA SPAS	Cole Information Services

1940 S GROVE AVE

Year	Uses	Source
2014	AIR CONTROL SYSTEMS INC	Cole Information Services
2009	AIR CONTROL SYSTEMS INC	Cole Information Services
	ATC TOWER SERVICES INC	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	AMERICAN TOWER CONSTRUCTION	Cole Information Services

1942 S GROVE AVE

Year	Uses	Source
2017	FREEDOM FINISHING	Cole Information Services
2014	FREEDOM FINISHING	Cole Information Services
2009	FREEDOM WOOD FINISHING	Cole Information Services
2004	FREEDOM FINISHING	Cole Information Services

1944 S GROVE AVE

Year	Uses	Source
2017	TC WHEELS CORPORATION	Cole Information Services
2014	S F & B COLOR MATES CORP	Cole Information Services
2009	S F & B COLOR MATES CORP	Cole Information Services
2004	SF & B	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

FINDINGS

1945 S GROVE AVE

Year	Uses	Source
2017	PLASTHEC MOLDING INC	Cole Information Services
2014	PLASTHEC MOLDING INC	Cole Information Services
2009	CD ZODIAC	Cole Information Services
	PLASTHEC MOLDING INC	Cole Information Services
	4 FLIGHT INDUSTRIES	Cole Information Services
	C & D AEROSPACE INC	Cole Information Services
2004	R BLOUGH	Cole Information Services
	PLASTHEC MOLDING INC	Cole Information Services
1994	PLASTHEC MOLDING INC	Cole Information Services

1946 S GROVE AVE

Year	Uses	Source
2004	PALETERIA LA GUADALUPANA	Cole Information Services
	KAUSAR ICE CREAM	Cole Information Services
	BIK ICE CREAM	Cole Information Services
	LAGUADALUPANA PALETERIA	Cole Information Services
1999	DEKKON DEVELOPMENT	Cole Information Services

1947 S GROVE AVE

Year	Uses	Source
2004	GILL K BALBIR	Cole Information Services
	SAND ICE CREAM	Cole Information Services

1948 S GROVE AVE

Year	Uses	Source
2017	ARTS FORKLIFT REPAIR INC	Cole Information Services
2009	ARTS FORKLIFT REPAIR INC	Cole Information Services
2004	BENJAMIN CRAIN	Cole Information Services
1999	EMPIRE PLASTICS	Cole Information Services
1994	HARVEST CHAPEL	Cole Information Services

1950 S GROVE AVE

Year	Uses	Source
2017	AMERICAN SD POWER INC	Cole Information Services

FINDINGS

Year	Uses	Source
2017	SILVERSTONE PROPERTY MANAGEMENT COMP	Cole Information Services
	SUNLIGHT SUPPLY INC	Cole Information Services
	BIOARTH	Cole Information Services
	FANLIGHT INC	Cole Information Services
	DAVITA	Cole Information Services
2014	DAVITA	Cole Information Services
	SUNLIGHT SUPPLY INC	Cole Information Services
2009	MARIA A CRUZ AGUSTIN DDS INC	Cole Information Services
	PRECISION TRANSDUCER SYSTEMS	Cole Information Services
	DAVITA	Cole Information Services
	SUNLIGHT SUPPLY INC	Cole Information Services
2004	GROVE ONTARIO BUSINESS CTR	Cole Information Services
	NEW LANDING LLC DBA	Cole Information Services

1960 S GROVE AVE

Year	Uses	Source
1975	Espinoza M H	GTE Directories
1970	ESPINOZA H H	General Telephone Company of California

2000 S GROVE AVE

Year	Uses	Source
2017	CULTIVATE HYDROPHONICS & ORGANICS	Cole Information Services
	SILVERSTONE PROPERTY MANAGEMENT COMP	Cole Information Services
	ONTARIO WIRELESS WIRELSS PROVIDERS	Cole Information Services
	EXCALIBUR WHEEL	Cole Information Services
	FANLIGHT CORP INC	Cole Information Services
	INNOVATION ESCROW SERVICE	Cole Information Services
	TURNING POINT INTERNATIONAL MINISTRI	Cole Information Services
	BUITRON LLAVES EN EL COCHE	Cole Information Services
	FANLIGHT CORPORATION INC	Cole Information Services
	ONTARIO BLUEPRINT	Cole Information Services
	SECURE STAFF	Cole Information Services
	SPRINT	Cole Information Services

FINDINGS

Year	Uses	Source
2017	CATHAY BANK	Cole Information Services
	CORE PERSONEL DBA SECURE STAFF INC	Cole Information Services
	ONTARIO WIRELESS	Cole Information Services
	ROMA LEATHER INC	Cole Information Services
	PERFUME AROMA	Cole Information Services
	ONLINE FINANCIAL SERVICES INC	Cole Information Services
2014	DUANE FERGUSON	Cole Information Services
	ONLINE FINANCIAL SERVICES INC	Cole Information Services
	EXCALIBUR WHEEL	Cole Information Services
	INNOVATION ESCROW SERVICE	Cole Information Services
	BIOARTH	Cole Information Services
	TOPNOTCH EMPLOYER SERVICE	Cole Information Services
	FANLIGHT CORPORATION INC	Cole Information Services
	CATHAY BANK	Cole Information Services
	ONTARIO WIRELESS	Cole Information Services
	ROMA LEATHER INC	Cole Information Services
	PERFUME AROMA	Cole Information Services
	S & P SYSTEMS	Cole Information Services
2009	MOUNTAIN VISTA MORTGAGE	Cole Information Services
	TOPNOTCH EMPLOYER SERVICES	Cole Information Services
	AMERICAN WORK FORCE	Cole Information Services
	CATHAY BANK	Cole Information Services
	ONTARIO WIRELESS	Cole Information Services
	CHASE	Cole Information Services
	EXCALIBUR WHEEL	Cole Information Services
	RONALD PEREZ	Cole Information Services
	DUANE FERGUSON	Cole Information Services
	NUBLAPACK NORTH AMERICA INC	Cole Information Services
	JENICA INC	Cole Information Services
	AFI TRANSPORT	Cole Information Services
	NEW LANDING LLC	Cole Information Services
	DUANE FERGUSON CPA	Cole Information Services

FINDINGS

Year	Uses	Source
2009	GALAXY PC	Cole Information Services
2008	BUILDING	Haines Company, Inc.
	BANK ONE MORTGAGE	Haines Company, Inc.
	CATHAY BANK	Haines Company, Inc.
	EXCALIBUR WHEEL	Haines Company, Inc.
	FERGUSON DUANE CPA	Haines Company, Inc.
	GALAXY PC INC	Haines Company, Inc.
	NEW LANDING LLC	Haines Company, Inc.
	NUBLAPACK NORTH AMERICA INC	Haines Company, Inc.
	ONTARIO WIRELESS	Haines Company, Inc.
	PRESENT TRUTH PRODUCTIONS	Haines Company, Inc.
	ROMA LEATHER INC	Haines Company, Inc.
	SUNSPRING NORTH AMERICA LLC	Haines Company, Inc.
	THE ICN	Haines Company, Inc.
	TOPNOTCH EMPLOYER SERVICES	Haines Company, Inc.
	UNISOURCE LENDING CORPORATION	Haines Company, Inc.
2004	SUNSPRING NORTH AMERCA LLC	Cole Information Services
	UNISOURCE REALESTATE	Cole Information Services
1999	RONALD PEREZ	Cole Information Services
	DUANE FERGUSON	Cole Information Services

2040 S GROVE AVE

Year	Uses	Source
1990	Snavely Forest Products	GTE

2057 S GROVE AVE

Year	Uses	Source
2017	ALLSTATE GARDEN SUPPLY	Cole Information Services
	CCLOUD FILTER	Cole Information Services
2014	ALLSTATE GARDEN SUPPLY	Cole Information Services

2124 S GROVE AVE

Year	Uses	Source
2014	GARYS GRINDING & HARD CHROME INC	Cole Information Services

FINDINGS

Year	Uses	Source
2014	ONTARIO POOL TILE	Cole Information Services
2009	ALTIMA DENTAL LAB INC	Cole Information Services
	MAJOR MOTION CO	Cole Information Services
	PLUMBING & PIPING SYSTEMS INC	Cole Information Services
	AMERITECH ELECTRICAL SIGNS	Cole Information Services
	K D & SON PAINTING	Cole Information Services
	ONTARIO POOL TILE	Cole Information Services
	R & R MACHINE	Cole Information Services
2008	GARYS GRNDNG & HRD CHRME INC	Haines Company, Inc.
	ONTARIO POOL TILE	Haines Company, Inc.
	SAM JOY CORPORATION	Haines Company, Inc.
	SOLRAC MANUFACTURING	Haines Company, Inc.
2004	GARYS GRINDING & HARD CHRM INC	Cole Information Services
	ALVARO RODRIGUEZ	Cole Information Services
	MACHINE SHOP	Cole Information Services
	R & R MACH	Cole Information Services
	TWO AMIGOS	Cole Information Services
	DAY N NITE SIGNS	Cole Information Services
	MAJ MOTION CO	Cole Information Services
	SOSA ELECTRIC	Cole Information Services
1999	C & M CENTERLESS MACHINING	Cole Information Services
	GARYS GRINDING & HARD CHROME INCORPORATED	Cole Information Services
	CANO ARCHITECTURE CONCRETE REPAIR	Cole Information Services
	BARRYS THREAD ROLL	Cole Information Services
	MCTAG MACHINING	Cole Information Services
	J & J CUSTOM CABINETS	Cole Information Services
	C O D MOLD GRINDING	Cole Information Services
	R & R MACHINE	Cole Information Services
1995	Building	GTE Directories
	A GARYS GRINDNGI/ HARD CHROME	GTE Directories
	C MCTAG MACHINING	GTE Directories
	E CALIFORNIA HERITAGE	GTE Directories

FINDINGS

Year	Uses	Source
1995	F C 0 D MOLD GRINDING	GTE Directories
	G R & R MACHINE	GTE Directories
	I MASTER SPRAYERS	GTE Directories
1994	GARYS GRINDING & HARD CHROME	Cole Information Services
	SCALE & BALANCE SUPPLY CO	Cole Information Services
	RVC SHELLS CO	Cole Information Services
	MC TAG MACHINING	Cole Information Services
	R & R MACHINE	Cole Information Services
	E WAKEFIELD GENERAL CONTRACTOR	Cole Information Services
	DISCOUNT SAW SVC	Cole Information Services
1990	Franco Engineering	GTE
	Garys Grinding & Hard Chrome Inc	GTE
	Or	GTE
	H & H Enterprises	GTE
	Jims Industrial Mechanical Services	GTE
	R V C Shells Co	GTE
	Roto Mirror	GTE
	Serra Gisela	GTE
	Simsons Iron Work	GTE
	Tunnlle	GTE
1985	BUILDING	GTE
	ALL AMERICAN V DITCH	GTE
	A GARYS GRINDING 8 HARD	GTE
	C SWEEP A LOT	GTE
	JERRY S MEAT & FOOD	GTE
	E s KEN SEVICK PHTGRPHR	GTE
	F CALIFORNIA CRPT CLNR	GTE
	H J 8 T MOLD & DIE	GTE
	X a S 6 B CONSTR CO	GTE
	L RAY ROCK CONSTRUCTN	GTE
	N R V C SHELLS CO	GTE
1980	BUILDING	GTE General Telephone Company of California

FINDINGS

Year	Uses	Source
1980	SUN ENGINEERING	GTE General Telephone Company of California
	A + TOUCH ME HANOCRAFTS	GTE General Telephone Company of California
	B JENSEN INDUSTRIAL	GTE General Telephone Company of California
	F ALPHA ELECTRONICS	GTE General Telephone Company of California
	H EXACTA DIE CUTTING	GTE General Telephone Company of California
	N R V C SHELLS CO	GTE General Telephone Company of California

2128 S GROVE AVE

Year	Uses	Source
2017	UNITED MOBILE HOMES	Cole Information Services
	NEW HOPE TRANSFER	Cole Information Services
	MEL BUSHNER	Cole Information Services
	MELVIN BUSHNER	Cole Information Services
	TURBO PARK JHL US COMPANY	Cole Information Services
	WARREN LETTERPRESS & GRAPHICS	Cole Information Services
	SOSA ELECTRIC	Cole Information Services
	TEMECULA PRECISION MACHINE WORK	Cole Information Services
	GUZMAN APPLIANCES	Cole Information Services
2014	S & R RELIGIOUS GOODS	Cole Information Services
	GUZMAN APPLIANCES	Cole Information Services
	TEMECULA PRECISION MACHINE WORK	Cole Information Services
	CPF SUPPLY	Cole Information Services
	SOSA ELECTRIC	Cole Information Services
	WARREN LETTERPRESS & GRAPHICS	Cole Information Services
2009	GUZMAN APPLIANCES	Cole Information Services
	INTEGRITEC LLC	Cole Information Services
	STELLAR PAINTING INC	Cole Information Services
	WARREN LETTERPRESS & GRAPHICS	Cole Information Services
	CES	Cole Information Services
	SOSA ELECTRIC	Cole Information Services

FINDINGS

Year	Uses	Source
2009	CALICO GRAPHICS	Cole Information Services
	NEW IMAGE REPROGRAPHICS	Cole Information Services
	TEMECULA PRECISION MACHINE WORK	Cole Information Services
	EVERBRITE SIGNS INC	Cole Information Services
	CHARTER EQUIPMENT SALES	Cole Information Services
2008	BUILDING	Haines Company, Inc.
	CALICO GRAPHICS	Haines Company, Inc.
	CHARTER EQP SLS	Haines Company, Inc.
	COAST PATIO INC	Haines Company, Inc.
	COAST PATIO INC	Haines Company, Inc.
	EMERPAC PRINTING INC	Haines Company, Inc.
	EVERBRITE SIGNS INC	Haines Company, Inc.
	GIOS CARPET & FLOORING	Haines Company, Inc.
	GUZMAN APPLIANCES	Haines Company, Inc.
	MEI ONTARIO	Haines Company, Inc.
	NEW IMAGE REPROGRAPHICS	Haines Company, Inc.
	SKINNER JIM CONSTRUCTION	Haines Company, Inc.
	SOSA ELECTRIC	Haines Company, Inc.
	TEMECULA PRECISN MACHINE WORK	Haines Company, Inc.
	TONER 2 PRINT	Haines Company, Inc.
	WARREN LETTERPRESS & GRAPHICS	Haines Company, Inc.
2004	ONATRIO MEI	Cole Information Services
	CHARTER EQUIPMENT SALES	Cole Information Services
	SUPERUN AIR EQUIPMENT CO	Cole Information Services
	STELLAR PAINTING INC	Cole Information Services
	H & D ENGINEEING	Cole Information Services
	NITE & DAY SIGNS	Cole Information Services
	TONER 2 PRINT	Cole Information Services
	EVER GLO SIGNS	Cole Information Services
	EMERPAC PRINTING INC	Cole Information Services
	GUZMANS APPLIANCES	Cole Information Services
	MEI ONTARIO	Cole Information Services

FINDINGS

Year	Uses	Source
2004	CALICO GRAPHICS	Cole Information Services
	INTEGRITEC LLC	Cole Information Services
1999	JR BALLS TERMITES	Cole Information Services
	QUALITY PADS & SUPPLIES	Cole Information Services
	CALIFORNIA ROOTER SERVICE	Cole Information Services
	CALICO GRAPHICS	Cole Information Services
	AVANTI TRANSPORTATION	Cole Information Services
	NITE & DAY SIGNS	Cole Information Services
	SKINNER JIM CONSTRUCTION	Cole Information Services
	AFFORDABLE HYDRAULICS	Cole Information Services
	SAN MEDICAL BILLING	Cole Information Services
	CHARTER EQUIPMENT SALES	Cole Information Services
	AMERICA IMPORTS	Cole Information Services
	N & C ENTERPRISES	Cole Information Services
	HEIDER ENGINEERING	Cole Information Services
	MASTER SPRAYERS	Cole Information Services
	KELLER WOOD FINISHING	Cole Information Services
	AMA CUTTING SERVICE	Cole Information Services
1995	Building A CALICO GRAPHICS	GTE Directories
	C V CONCRETE ENGINEERING	GTE Directories
	F QUALITY PADS & SUPPLIES	GTE Directories
	G STUMP NELSON	GTE Directories
	H KELLER WOOD FINISHING	GTE Directories
	J SKINNER JIM CNSTRCTN	GTE Directories
	M CHARTER EQUIPMENT SALES	GTE Directories
1994	STUMP, NELSON	Cole Information Services
	NITE & DAY SIGNS	Cole Information Services
	ANESTHESIA EQUIPMENT SVC	Cole Information Services
	JIM SKINNER CONSTRUCTION	Cole Information Services
	CALICO GRAPHICS	Cole Information Services
	CHARTER EQUIPMENT SALES	Cole Information Services
	WALTER R KELLER PAINTING	Cole Information Services

FINDINGS

Year	Uses	Source
1994	KELLER WOOD FINISHING	Cole Information Services
	P & J TELEPHONE EQUIPMENT	Cole Information Services
1990	B R Printing	GTE
	Calico Graphics	GTE
	California Utility	GTE
	Charter Equipment Sales	GTE
	Don Stephens Fine Furniture	GTE
	Inland Empire Trucking	GTE
	MBI Internatl Fish Wholesalers	GTE
	Nite & Day Signs	GTE
	RE Adams Lift Trucks	GTE
	Skinner Jim Construction	GTE
	Sunw est Patio	GTE
1985	BUILDING	GTE
	CHARTER EQUIPMINT SLS	GTE
	NINO BUILDING	GTE
	B DON STEPHENS FINE	GTE
	C WOOD CREATIONS	GTE
	E COCOA VENTRS INTNATL	GTE
	F FUTURE COMMODITIES	GTE
	J SKINNER JIM CNSTRCTN	GTE
	K MOLD SHOP THE	GTE
	L QUIK CUT WIRE EDU	GTE
	N ENERGY SAVING PROD	GTE
	AMi ERICAN SUN INC	GTE
1980	BUILDING	GTE General Telephone Company of California
	WILSON ENGINE/EQUIP	GTE General Telephone Company of California
	A PATID CONCRETE PRODS	GTE General Telephone Company of California
	B WEST VLY COMMUNICTNS	GTE General Telephone Company of California
	E + KARMA ENTERPRISES	GTE General Telephone Company of California

FINDINGS

Year	Uses	Source
1980	F MYRIAD SCIENCES	GTE General Telephone Company of California
	H Y 8 Y CO	GTE General Telephone Company of California
	L C & 0 DAIRY MAINT	GTE General Telephone Company of California
	M I J M MACHINE TOOL	GTE General Telephone Company of California
	N LANCE ARBORISTS SUPL	GTE General Telephone Company of California
	+ LUXURY DECORATORS	GTE General Telephone Company of California

2131 S GROVE AVE

Year	Uses	Source
2017	GRADING PROFORMANCE	Cole Information Services
	LONGWAY ROBERT B INC	Cole Information Services
	SAUL LEASING LP	Cole Information Services
	PROFORMANCE GRADING INC	Cole Information Services
	BACK TO HEALTH VETERINARY SERVICES	Cole Information Services
	ISEC INC	Cole Information Services
2014	SAUL LEASING LP	Cole Information Services
	LONGWAY ROBERT B INC	Cole Information Services
	ISEC INC	Cole Information Services
	GLOBAL ALUMINUM WHEELS INC	Cole Information Services
	METXPERTS	Cole Information Services
	GRADING PROFORMANCE	Cole Information Services
2009	ISEC INC	Cole Information Services
	D & S ESCROW	Cole Information Services
	MITCHELL FINANCIAL	Cole Information Services
	SAUL LEASING LP	Cole Information Services
	THE PLANNING CENTER	Cole Information Services
	ROBERT B LONGWAY INC	Cole Information Services
2008	ISEC INC	Haines Company, Inc.
	SAUL LEASING LP	Haines Company, Inc.
	PROFORMANCE GRADING	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2008	PANATTONI CONSTRUCTION INC	Haines Company, Inc.
	MITCHELL FINANCIAL	Haines Company, Inc.
	D & S ESCROW	Haines Company, Inc.
	THE PLANNING CENTER	Haines Company, Inc.
	LONGWAY ROBERT B INC	Haines Company, Inc.
2004	ROBERT B LONGWAY INC	Cole Information Services
	AUDIO GRAPHIC SYSTEMS	Cole Information Services
	PANATTONI CONSTRUCTION	Cole Information Services
	EXCELLENCE AT WORK INC	Cole Information Services
	AFFINITY MANAGEMENT GROUP	Cole Information Services
	INTERIORS WEST	Cole Information Services

2132 S GROVE AVE

Year	Uses	Source
2017	GEOS CARPET & FLOORING	Cole Information Services
	I D BURR	Cole Information Services
	LOPEZ INC	Cole Information Services
2014	I D BURR	Cole Information Services
	DIRECT IMAGE REPROGRAPHICS	Cole Information Services
	RECON INDUSTRIES INC	Cole Information Services
	LOPEZ INC	Cole Information Services
	GEOS CARPET & FLOORING	Cole Information Services
	STAR ELECTRICAL SIGNS	Cole Information Services
	EDITH ESPINOZA	Cole Information Services
2009	BUILDERS DESIGN GROUP	Cole Information Services
	PERMA LIFE COATINGS INC	Cole Information Services
	OIL PAINTING & WOOD FRAMING	Cole Information Services
	EMILIA VARGAS	Cole Information Services
	MASTERBURR	Cole Information Services
	TONER 2 PRINT	Cole Information Services
	UNITED MOBILE HOME INC	Cole Information Services
2008	I D BURR	Haines Company, Inc.
	PERMA LIFE COATINGS INC	Haines Company, Inc.

FINDINGS

Year	Uses	Source
2008	S & L FURNITURE	Haines Company, Inc.
	TNG ELECTRIC	Haines Company, Inc.
	VARGAS Emilia	Haines Company, Inc.
2004	MICHAEL BACON	Cole Information Services
	EMILIA VARGAS	Cole Information Services
	GMC ELECTRICAL INC	Cole Information Services
	SMART BUY WHOLESALE	Cole Information Services
	BURR ID	Cole Information Services
	S & L FURNITURE FASHIONS	Cole Information Services
	THUNDERBIRD PACIFIC CORP	Cole Information Services
	INTERNATIONAL LIFT TECHNOLOGY	Cole Information Services
	AMERICAN DECAL	Cole Information Services
	MASTERBURR	Cole Information Services
1999	TRADIMPEX CORPORATION	Cole Information Services
	M & M CENTERLESS GRINDING	Cole Information Services
	MAST THOMAS	Cole Information Services
	THUNDERBIRD PACIFIC	Cole Information Services
	ACCESS ATM DISTRIBUTION	Cole Information Services
	ECONOMATED MACHINE COMPANY	Cole Information Services
	ONTARIO METAL PRODUCTS	Cole Information Services
	EMILIA VARGAS	Cole Information Services
	THOMAS MAST	Cole Information Services
	G M C CORROSION	Cole Information Services
	INTERNATIONAL LIFT TECHNOLOGY	Cole Information Services
	GARMS INDUSTRIES	Cole Information Services
1995	Building	GTE Directories
	A THUNDERBIRD PACIFIC	GTE Directories
	I A & B DESIGN GROUP	GTE Directories
	M QARMS INDUSTRIES	GTE Directories
1994	A & B DESIGN GROUP	Cole Information Services
	ZAVALA, G	Cole Information Services
	UNITED COMPUTER RESEARCH	Cole Information Services

FINDINGS

Year	Uses	Source
1994	GMC CORROSION	Cole Information Services
	HONEYS HI TECH VIDEO SVC	Cole Information Services
	ONTARIO PARTY TEAM	Cole Information Services
	IVANS POOL PLASTERING	Cole Information Services
	IVANS TV LAB	Cole Information Services
	R & J MACHINERY CO	Cole Information Services
	THUNDERBIRD PACIFIC	Cole Information Services
	GARMS INDUSTRIES	Cole Information Services
1990	R & J Machinery Co	GTE
	Thunderbird Pacific	GTE
	Tri Oak Cabinets	GTE
	West Coast Automotive Equipment	GTE
	Oak Den The	GTE
	Keller Wood Finishing	GTE
	G MI C Corrosion	GTE
	Collins Construction	GTE
	B G Engineering Services	GTE
	Alte Loma Painting Inc	GTE
1985	N R K INDUSTRIES	GTE
	M KUDER ENGINEERNG INC	GTE
	L HARWELL C P PHTGRPHY	GTE
	K 99 PRECISION TOOLS	GTE
	E PACIFIC ACE CORP	GTE
	A FUTURE CONNECTNS INC	GTE
	BUILDING	GTE
	J & J NAME PLATE	GTE
1980	BUILDING	GTE General Telephone Company of California
	GARYS GRNDNG/MCHNG	GTE General Telephone Company of California
	GROVE AV S CONT	GTE General Telephone Company of California
	:TRIPLETT FURN MFG	GTE General Telephone Company of California

FINDINGS

Year	Uses	Source
1980	A AIR DISTRIBUTN SUPL	GTE General Telephone Company of California
	D SILICON DEVICES	GTE General Telephone Company of California
	E MKUDER AL ENGINEERNG	GTE General Telephone Company of California
	F ONTARIO PREM FINANCE	GTE General Telephone Company of California
	I M H K LEE INC	GTE General Telephone Company of California
	K 99 PRECISION TOOLS	GTE General Telephone Company of California
	L WOOD CREATIONS	GTE General Telephone Company of California
	N MBI N MACHINING	GTE General Telephone Company of California
	STEDRO CORPORATION	GTE General Telephone Company of California

2151 S GROVE AVE

Year	Uses	Source
1975	Jones Donald E	GTE Directories
1964	Pine Crest Thoroughbred Farm	Luskey Brothers & Co
	Clay Dick B	Luskey Brothers & Co
	Clay Dick C Beulah	Luskey Brothers & Co
1960	Ponder Marvin	General Telephone Company Publishers
	Ponder Marvin	General Telephone Company Publishers

FINDINGS

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
1321 E CHIEF PRIVADO	2009, 2008, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1321 E CHIEF PRIVADO ST	2017, 2014, 2009, 2004, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1351 E CHIEF PRIVADO	2008, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1351 E CHIEF PRIVADO ST	2017, 2014, 2009, 2004, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1938 S GROVE AVE	2014, 2009, 2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1940 S GROVE AVE	2017, 2008, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1942 S GROVE AVE	2008, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1944 S GROVE AVE	2008, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1945 S GROVE AVE	2008, 2003, 2002, 1999, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1946 S GROVE AVE	2017, 2014, 2009, 2008, 2003, 2002, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1947 S GROVE AVE	2017, 2014, 2009, 2008, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1948 S GROVE AVE	2014, 2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1950 S GROVE AVE	2008, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1960 GROVE AVE S	2017, 2014, 2009, 2008, 2004, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1960 S GROVE AVE	2017, 2014, 2009, 2008, 2004, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2000 S GROVE AVE	2017, 2014, 2009, 2004, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2000 S GROVE AVE	2008, 2003, 2002, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2040 GROVE AVE S	2017, 2014, 2009, 2008, 2004, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2040 S GROVE AVE	2017, 2014, 2009, 2008, 2004, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2057 S GROVE AVE	2009, 2008, 2004, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2124 GROVE AVE S	2017, 2014, 2009, 2008, 2004, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2124 S GROVE AVE	2017, 2014, 2009, 2004, 2003, 2002, 1999, 1996, 1994, 1991, 1981, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2124 S GROVE AVE	2017, 2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2126 S GREEN PRIVADO ST	2017, 2014, 2009, 2004, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2128 GROVE AVE S	2017, 2014, 2009, 2008, 2004, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2128 S GROVE AVE	2017, 2014, 2009, 2004, 2003, 2002, 1999, 1996, 1994, 1991, 1981, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2128 S GROVE AVE	2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2131 GROVE AVE S	2017, 2014, 2009, 2008, 2004, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2131 S GROVE AVE	2008, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2131 S GROVE AVE	2017, 2014, 2009, 2004, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
2132 GROVE AVE S	2017, 2014, 2009, 2008, 2004, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2132 S GROVE AVE	2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2132 S GROVE AVE	2017, 2014, 2009, 2004, 2003, 2002, 1999, 1996, 1994, 1991, 1981, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2133 S GREEN PRIVADO ST	2017, 2014, 2009, 2004, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2134 S GREEN PRIVADO ST	2017, 2014, 2009, 2004, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2151 GROVE AVE S	2017, 2014, 2009, 2008, 2004, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2151 S GROVE AVE	2017, 2014, 2009, 2008, 2004, 2003, 2002, 1999, 1996, 1995, 1994, 1991, 1990, 1985, 1981, 1980, 1970, 1965, 1961, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922

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
2042 South Grove Avenue	2014, 2009, 2002, 1996, 1991, 1981, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922

APPENDIX F

EDR Radius Map Report with Geocheck®

2042 South Grove Avenue
2042 South Grove Avenue
Ontario, CA 91761

Inquiry Number: 7097762.2s
August 25, 2022

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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 (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2042 SOUTH GROVE AVENUE
ONTARIO, CA 91761

COORDINATES

Latitude (North):	34.0361840 - 34ˆ 2' 10.26''
Longitude (West):	117.6296840 - 117ˆ 37' 46.86''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	441873.0
UTM Y (Meters):	3766152.2
Elevation:	856 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12016009 ONTARIO, CA
Version Date:	2018
Northeast Map:	12015973 GUASTI, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140603
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
2042 SOUTH GROVE AVENUE
ONTARIO, CA 91761

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	HHS CONSTRUCTION	2042 S GROVE AVE	RCRA NonGen / NLR		TP
A2	HHS CONSTRUCTION	2042 S GROVE AVE	HAULERS		TP
A3	GROVE LUMBER & HARDW	2042 S GROVE AVE	CIWQS		TP
A4	1X GROVE LUMBER	2042 SO GROVE AVE	HWTS		TP
A5	GROVE LUMBER	2042 S GROVE AV	NPDES, HWTS		TP
A6	HHS CONSTRUCTION	2042 S GROVE AVE	FINDS, ECHO		TP
A7	HHS CONSTRUCTION INC	2042 S GROVE AVE	CERS HAZ WASTE, HAZNET, San Bern. Co. Permit,...		TP
A8	HHS CONSTRUCTION	2042 S GROVE AVENUE	ECHO		TP
A9		HHS COMMUNICATIONS /	CHMIRS		TP
B10	TECH INDUSTRIAL MACH	2124 S GROVE AVE UNI	CHMIRS, NPDES, San Bern. Co. Permit, CIWQS, CERS	Lower	88, 0.017, SE
B11	YODER DEVELOPMENT	2124 S. GROVE AVENUE	RCRA NonGen / NLR	Lower	88, 0.017, SE
B12	ISEC, INC.	2131 SOUTH GROVE AVE	RCRA NonGen / NLR	Lower	154, 0.029, ESE
B13	ISEC INC	2131 S. GROVE AVE, S	RCRA NonGen / NLR	Lower	154, 0.029, ESE
B14	MASTER SPRAYERS	2128 GROVE AVE O	San Bern. Co. Permit	Lower	172, 0.033, SE
B15	MASTER SPRAYERS	2128 GROVE UNIT O	RCRA-SQG, FINDS, ECHO, HAZNET, HWTS	Lower	172, 0.033, SE
B16	SOUTH DISTRIBUTING C	2128 S GROVE #H	RCRA-SQG, FINDS, ECHO	Lower	172, 0.033, SE
B17	MASTERBURR	2132 S GROVE AVE J	San Bern. Co. Permit	Lower	253, 0.048, SE
B18	DIRECT IMAGE REPROGR	2132 SOUTH GROVE AVE	NPDES, San Bern. Co. Permit, CERS	Lower	253, 0.048, SE
C19	US HEALTHWORKS MEDIC	2171 S GROVE AVE STE	RCRA NonGen / NLR	Lower	406, 0.077, SE
20	HILTI CENTER	1950 S GROVE AVE	RCRA NonGen / NLR	Higher	500, 0.095, North
C21	ARCO 05252	2156 S GROVE AVE	UST	Lower	511, 0.097, SSE
C22	ARCO #5252	2156 GROVE	LUST, SWEEPS UST, CA FID UST, Cortese, HIST...	Lower	511, 0.097, SSE
C23	PRESTIGE STATIONS IN	2156 SOUTH GROVE AVE	CERS HAZ WASTE, HIST UST, CERS TANKS, San Bern....	Lower	511, 0.097, SSE
C24	SWAIN OIL TRANSPORT	2156 S GROVE AVE	RCRA NonGen / NLR	Lower	511, 0.097, SSE
C25	TRISHA PETRO INC	2156 S GROVE AVE	RCRA NonGen / NLR	Lower	511, 0.097, SSE
C26	ABUSHAM PETRO LLC	2156 S GROVE AVE	EDR Hist Auto	Lower	511, 0.097, SSE
C27	ARCO PETROLEUM PROD	2156 S GROVE AVE	UST	Lower	511, 0.097, SSE
C28	ARCO FACILITY NO 052	2156 S GROVE AVE	RCRA-SQG, FINDS, ECHO	Lower	511, 0.097, SSE
D29	GRAND VIEW GLASS AND	2134 GREEN PRIVADO	San Bern. Co. Permit	Lower	530, 0.100, ESE
D30	HEAVY MOTIONS INC	2134 S GREEN PRIVADO	RCRA NonGen / NLR	Lower	530, 0.100, ESE
E31	KIMBERLY CORY	2091 S. CUCOMONGA AV	RCRA NonGen / NLR	Lower	593, 0.112, West
F32	ONTARIO	1165 E PHILADELPHIA	HIST UST	Lower	636, 0.120, SSW
F33	CALTRANS-ONTARIO	1165 E PHILADELPHIA	AST	Lower	636, 0.120, SSW
F34	CALTRANS-ONTARIO	1165 E PHILADELPHIA	CERS HAZ WASTE, CERS TANKS, San Bern. Co. Permit,...	Lower	636, 0.120, SSW
F35	CALTRANS ONTARIO ARE	1165 E PHILADELPHIA	RCRA-SQG, FINDS	Lower	636, 0.120, SSW
F36	CALTRANS ONTARIO	1165 PHILADELPHIA AV	AST	Lower	636, 0.120, SSW
F37	CALTRANS D8 MAINTENA	1165 E PHILADELPHIA	SWF/LF, HAZNET, CERS, HWTS	Lower	636, 0.120, SSW
F38	ONTARIO	1165 E PHILADELPHIA	SWEEPS UST, CA FID UST	Lower	636, 0.120, SSW
F39	ONTARIO MAINT YARD	1165 E PHILADELPHIA	HIST UST	Lower	636, 0.120, SSW

MAPPED SITES SUMMARY

Target Property Address:
2042 SOUTH GROVE AVENUE
ONTARIO, CA 91761

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	PBB, INC	1311 E PHILADELPHIA	San Bern. Co. Permit	Lower	644, 0.122, SE
H41	C & T JAPANESE ENGIN	1127 E PHILADELPHIA	RCRA NonGen / NLR	Lower	645, 0.122, SW
H42	C & T JAPANESE ENGIN	1127 E PHILADELPHIA	CERS HAZ WASTE, San Bern. Co. Permit, CERS	Lower	645, 0.122, SW
I43	C&D ZODIAC - ONTARIO	1945 S GROVE AVE	RCRA-LQG, FINDS, EMI, NPDES, San Bern. Co. Permit,...	Higher	650, 0.123, NNE
I44	PSIP EBS FRANCIS, LL	1945 S GROVE AVE	RCRA NonGen / NLR	Higher	650, 0.123, NNE
J45	SUPERIOR POOL PRODUC	2127 S GREEN PRIVADO	San Bern. Co. Permit, CERS	Lower	655, 0.124, East
K46	POWER GRADE INC	2009 S CUCAMONGA AVE	RCRA NonGen / NLR	Higher	656, 0.124, WNW
E47	CALIFORNIA QUALITY P	2104 S CUCAMONGA AVE	NPDES, San Bern. Co. Permit, CIWQS, CERS	Lower	729, 0.138, WSW
K48	HANCRETE PROD INC	2010 S CUCAMONGA AVE	CERS HAZ WASTE, NPDES, San Bern. Co. Permit, WDS,...	Higher	741, 0.140, WNW
I49	ART'S FORKLIFT REPAI	1948 S GROVE AVE	CERS HAZ WASTE, HAZNET, San Bern. Co. Permit, CERS	Higher	744, 0.141, NNE
I50	ART'S FORKLIFT REPAI	1948 S GROVE AVE	RCRA NonGen / NLR	Higher	744, 0.141, NNE
J51	JD FINISHING	1351 E CHIEF PRIVADO	San Bern. Co. Permit, WDS, CIWQS, CERS	Higher	746, 0.141, ENE
L52	KUDER ENGINEERING IN	2155 S CUCAMONGA	RCRA NonGen / NLR	Lower	760, 0.144, SW
L53	KUDER ENGINEERING IN	2155 S CUCAMONGA AVE	CERS HAZ WASTE, NPDES, San Bern. Co. Permit,...	Lower	760, 0.144, SW
M54	FREEDOM FINISHING	1942 S GROVE AVE	CHMIRS, EMI, San Bern. Co. Permit, CERS	Higher	804, 0.152, NNW
G55	ABBA ROLLER	1351 E PHILADELPHIA	CERS HAZ WASTE, NPDES, San Bern. Co. Permit,...	Lower	820, 0.155, ESE
G56	ABBA ROLLER LLC	1351 E PHILADELPHIA	RCRA NonGen / NLR	Lower	820, 0.155, ESE
N57	EL POLLO LOCO #6030	1180 E PHILADELPHIA	San Bern. Co. Permit	Lower	828, 0.157, South
N58	CHIPOTLE 2346	2200 S GROVE AVE	RCRA NonGen / NLR	Lower	837, 0.159, SSE
N59	CHIPOTLE MEXICAN GRI	2200 S. GROVE AVE #1	RCRA NonGen / NLR	Lower	837, 0.159, SSE
O60	OFFICE DEPOT 2356	2205 S GROVE	RCRA NonGen / NLR	Lower	860, 0.163, SSE
O61	OFFICE DEPOT #2356	2205 S GROVE AVE	CERS HAZ WASTE, San Bern. Co. Permit, CERS	Lower	860, 0.163, SSE
P62	NATIONAL DISTRIBUTIO	1991 S CUCAMONGA AVE	RCRA NonGen / NLR	Higher	889, 0.168, NW
P63	NFI NATIONAL DIST. C	1991 S CUCAMONGA AVE	San Bern. Co. Permit, CERS	Higher	889, 0.168, NW
Q64	FIBER DESIGN INTL	1938 S GROVE AV	EMI, San Bern. Co. Permit	Higher	934, 0.177, North
Q65	AIRGAS USA, LLC	1936 S GROVE AVE	San Bern. Co. Permit, CERS	Higher	942, 0.178, NNE
M66	AIR CONTROL SYSTEMS	1940 S GROVE AVE	CERS HAZ WASTE, HAZNET, San Bern. Co. Permit,...	Higher	964, 0.183, North
M67	AIR CONTROL SYSTEMS	1940 S GROVE AVE	RCRA NonGen / NLR	Higher	964, 0.183, North
Q68	AM-TEK ENGINEERING I	1180 E FRANCIS ST ST	RCRA NonGen / NLR	Higher	1076, 0.204, North
Q69	AM-TEK ENGINEERING I	1180 E FRANCIS AVE B	San Bern. Co. Permit	Higher	1076, 0.204, North
Q70	FORMULA PLASTICS, IN	1180 E FRANCIS ST BL	San Bern. Co. Permit	Higher	1076, 0.204, North
Q71	AM-TEK ENGINEERING,	1180 E FRANCIS ST.	RCRA NonGen / NLR	Higher	1076, 0.204, North
Q72	AM-TEK ENGINEERING,	1180 E FRANCIS ST	RCRA NonGen / NLR	Higher	1076, 0.204, North
73	FIBERTECH POLYMERS,	2150 B PARCO AVE	San Bern. Co. Permit	Lower	1107, 0.210, ESE
R74	MAACO AUTO PAINTING	1842 S GROVE AVE	RCRA-SQG, FINDS, ECHO	Higher	1178, 0.223, NNE
R75	AMERICAN PAINT & BOD	1842 S GROVE AVE	San Bern. Co. Permit	Higher	1178, 0.223, NNE
S76	FRONTIER CALIFORNIA,	1911 S CUCAMONGA AVE	San Bern. Co. Permit	Higher	1200, 0.227, NW
S77	NFI 154	1990 S CUCAMONGA AVE	RCRA-SQG	Higher	1232, 0.233, NW
S78	HOME DEPOT NO 6704	1990 S CUCAMONGA AVE	HAZNET, San Bern. Co. Permit, HWTS	Higher	1232, 0.233, NW

MAPPED SITES SUMMARY

Target Property Address:
2042 SOUTH GROVE AVENUE
ONTARIO, CA 91761

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
T79	ONTARIO SERVICE CENT	1351 FRANCIS ST	LUST, SWEEPS UST, HIST UST, CA FID UST, CHMIRS,...	Higher	2066, 0.391, NE
T80	ONTARIO SERVICE CENT	1351 E FRANCIS ST	HIST UST, Cortese	Higher	2066, 0.391, NE
81	CALIFORNIA AIR NATIO	TAXIWAY 62 & CUCAMON	LUST, Cortese, HIST CORTESE, CERS	Lower	2169, 0.411, SSW
U82	HHW SATELLITE ONTARI	1408 E FRANCIS ST	LUST, CPS-SLIC, Cortese, San Bern. Co. Permit,...	Higher	2212, 0.419, NE
U83	ONTARIO CITY FIRE DE	1408 EAST FRANCIS	CPS-SLIC, CERS	Higher	2212, 0.419, NE
U84	ONTARIO FIRE STATION	1408 FRANCIS ST	LUST, SWEEPS UST, CA FID UST, HIST CORTESE, CERS	Higher	2212, 0.419, NE
85	LIGHTING RESOURCES I	805 FRANCIS ST	RCRA-SQG, HWP	Higher	2976, 0.564, NW
86	DANCO	1750 MONTICELLO CT	ENVIROSTOR, EMI, San Bern. Co. Permit, CERS	Lower	4462, 0.845, ESE
87	KEYSTONE PRODUCTS	1333 S BON VIEW AVE	ENVIROSTOR, VCP, HIST UST, DEED, EMI, San Bern....	Higher	4925, 0.933, NNW
88	ONTARIO A.N.G. TRAIN		ENVIROSTOR	Higher	4996, 0.946, NNE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
HHS CONSTRUCTION 2042 S GROVE AVE ONTARIO, CA 91761	RCRA NonGen / NLR EPA ID:: CAL000406821	CAL000406821
HHS CONSTRUCTION 2042 S GROVE AVE ONTARIO, CA 91761	HAULERS Facility ID: 1642168	N/A
GROVE LUMBER & HARDW 2042 S GROVE AVE ONTARIO, CA 91761	CIWQS	N/A
1X GROVE LUMBER 2042 SO GROVE AVE ONTARIO, CA 91761	HWTS	N/A
GROVE LUMBER 2042 S GROVE AV ONTARIO, CA 91761	NPDES HWTS	N/A
HHS CONSTRUCTION 2042 S GROVE AVE ONTARIO, CA 91761	FINDS Registry ID:: 110066712445 ECHO Registry ID: 110066712445	N/A
HHS CONSTRUCTION INC 2042 S GROVE AVE ONTARIO, CA 91761	CERS HAZ WASTE HAZNET GEPAID: CAL000406821 San Bern. Co. Permit Facility Status: ACTIVE Facility Id: FA0015264 CERS HWTS	N/A
HHS CONSTRUCTION 2042 S GROVE AVENUE ONTARIO, CA 91762	ECHO	N/A
HHS COMMUNICATIONS / HHS COMMUNICATIONS / ONTARIO, CA	CHMIRS	N/A

EXECUTIVE SUMMARY

OES Incident Number: 21-6884

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

Lists of Federal NPL (Superfund) sites

NPL ---- National Priority List
Proposed NPL ---- Proposed National Priority List Sites
NPL LIENS ---- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---- Federal Facility Site Information listing
SEMS ---- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-VSQG ---- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---- Land Use Control Information System
US ENG CONTROLS ---- Engineering Controls Sites List
US INST CONTROLS ---- Institutional Controls Sites List

EXECUTIVE SUMMARY

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE ---------- State Response Sites

Lists of state and tribal leaking storage tanks

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST ---------- Underground Storage Tank Listing
INDIAN UST ---------- Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing
VCP ---------- Voluntary Cleanup Program Properties

Lists of state and tribal brownfield 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
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---------- Historical Calsites Database
SCH ---------- School Property Evaluation Program
CDL ---------- Clandestine Drug Labs
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
US CDL ---------- National Clandestine Laboratory Register
PFAS ---------- PFAS Contamination Site Location Listing
AQUEOUS FOAM ---------- Former Fire Training Facility Assessments Listing

Local Land Records

LIENS ---------- Environmental Liens Listing

LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
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
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	ICE
HWT	Registered Hazardous Waste Transporter Database

MINES Mines Site Location Listing
MWMP Medical Waste Management Program Listing
PEST LIC Pesticide Regulation Licenses Listing
PROC Certified Processors Database
Notify 65 Proposition 65 Records
UIC UIC Listing
UIC GEO UIC GEO (GEOTRACKER)
WASTEWATER PITS Oil Wastewater Pits Listing
WDS Waste Discharge System
WIP Well Investigation Program Case List
MILITARY PRIV SITES MILITARY PRIV SITES (GEOTRACKER)
PROJECT PROJECT (GEOTRACKER)
WDR Waste Discharge Requirements Listing
NON-CASE INFO NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ Well Stimulation Project (GEOTRACKER)
MINES MRDS Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List
RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

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 06/20/2022 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
C&D ZODIAC - ONTARIO EPA ID:: CAD094130127	***1945 S GROVE AVE***	***NNE 0 - 1/8 (0.123 mi.)***	***I43***	***171***

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 06/20/2022 has revealed that there are 6 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MAACO AUTO PAINTING EPA ID:: CAD981976616	***1842 S GROVE AVE***	***NNE 1/8 - 1/4 (0.223 mi.)***	***R74***	***333***
NFI 154 EPA ID:: CAR000251330	1990 S CUCAMONGA AVE	NW 1/8 - 1/4 (0.233 mi.)	S77	337

Lower Elevation	Address	Direction / Distance	Map ID	Page
MASTER SPRAYERS EPA ID:: CAR000080184	***2128 GROVE UNIT O***	***SE 0 - 1/8 (0.033 mi.)***	***B15***	***39***
SOUTH DISTRIBUTING C EPA ID:: CAT080013857	***2128 S GROVE #H***	***SE 0 - 1/8 (0.033 mi.)***	***B16***	***43***
ARCO FACILITY NO 052 EPA ID:: CAR000103564	***2156 S GROVE AVE***	***SSE 0 - 1/8 (0.097 mi.)***	***C28***	***103***
CALTRANS ONTARIO ARE EPA ID:: CAD981459076	***1165 E PHILADELPHIA***	***SSW 0 - 1/8 (0.120 mi.)***	***F35***	***121***

Lists of state- and tribal hazardous waste facilities

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 04/25/2022 has revealed that there are 3 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KEYSTONE PRODUCTS	***1333 S BON VIEW AVE***	***NNW 1/2 - 1 (0.933 mi.)***	***87***	***421***
Facility Id: 36340065 Status: Certified O&M - Land Use Restrictions Only				
ONTARIO A.N.G. TRAIN		NNE 1/2 - 1 (0.946 mi.)	88	434
Facility Id: 80000415 Status: Inactive - Needs Evaluation				

Lower Elevation	Address	Direction / Distance	Map ID	Page
DANCO	***1750 MONTICELLO CT***	***ESE 1/2 - 1 (0.845 mi.)***	***86***	***417***
Facility Id: 71004100 Status: Inactive - Needs Evaluation				

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALTRANS D8 MAINTENA	***1165 E PHILADELPHIA***	***SSW 0 - 1/8 (0.120 mi.)***	***F37***	***124***
Database: SWF/LF (SWIS), Date of Government Version: 05/09/2022 Operational Status: Active Facility ID: 36-AA-0459 Regulation Status: Notification				

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ONTARIO SERVICE CENT	***1351 FRANCIS ST***	***NE 1/4 - 1/2 (0.391 mi.)***	***T79***	***345***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 05/23/2022				

Global Id: T0607100036
Status: Completed - Case Closed
Facility Status: Case Closed
Global ID: T0607100036

HHW SATELLITE ONTARI	***1408 E FRANCIS ST***	***NE 1/4 - 1/2 (0.419 mi.)***	***U82***	***356***

Database: LUST, Date of Government Version: 05/23/2022
Global Id: T0607100427
Status: Completed - Case Closed

ONTARIO FIRE STATION	***1408 FRANCIS ST***	***NE 1/4 - 1/2 (0.419 mi.)***	***U84***	***361***

Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0607100427

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO #5252	***2156 GROVE***	***SSE 0 - 1/8 (0.097 mi.)***	***C22***	***55***

Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 05/23/2022
Global Id: T0607100430
Status: Completed - Case Closed
Facility Status: Case Closed
Global ID: T0607100430

CALIFORNIA AIR NATIO	***TAXIWAY 62 & CUCAMON***	***SSW 1/4 - 1/2 (0.411 mi.)***	***81***	***354***

Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0607100375

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 2 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HHW SATELLITE ONTARI	***1408 E FRANCIS ST***	***NE 1/4 - 1/2 (0.419 mi.)***	***U82***	***356***

Database: SLIC REG 8, Date of Government Version: 04/03/2008
Facility Status: Closed

ONTARIO CITY FIRE DE	***1408 EAST FRANCIS***	***NE 1/4 - 1/2 (0.419 mi.)***	***U83***	***360***

Database: CPS-SLIC, Date of Government Version: 05/23/2022
Global Id: SLT8R0483932
Facility Status: Completed - Case Closed

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within

approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO 05252 Database: UST, Date of Government Version: 06/06/2022 Facility Id: FA0001082	2156 S GROVE AVE	SSE 0 - 1/8 (0.097 mi.)	C21	55
ARCO PETROLEUM PROD Database: UST, Date of Government Version: 06/06/2022 Facility Id: 86011375	2156 S GROVE AVE	SSE 0 - 1/8 (0.097 mi.)	C27	103

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALTRANS-ONTARIO Database: AST, Date of Government Version: 07/06/2016	1165 E PHILADELPHIA	SSW 0 - 1/8 (0.120 mi.)	F33	113
CALTRANS ONTARIO Database: AST, Date of Government Version: 07/06/2016	1165 PHILADELPHIA AV	SSW 0 - 1/8 (0.120 mi.)	F36	124

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/18/2022 has revealed that there are 9 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HANCRETE PROD INC	***2010 S CUCAMONGA AVE***	***WNW 1/8 - 1/4 (0.140 mi.)***	***K48***	***209***
ART'S FORKLIFT REPAI	***1948 S GROVE AVE***	***NNE 1/8 - 1/4 (0.141 mi.)***	***I49***	***227***
AIR CONTROL SYSTEMS	***1940 S GROVE AVE***	***N 1/8 - 1/4 (0.183 mi.)***	***M66***	***311***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PRESTIGE STATIONS IN	***2156 SOUTH GROVE AVE***	***SSE 0 - 1/8 (0.097 mi.)***	***C23***	***60***
CALTRANS-ONTARIO	***1165 E PHILADELPHIA***	***SSW 0 - 1/8 (0.120 mi.)***	***F34***	***113***
C & T JAPANESE ENGIN	***1127 E PHILADELPHIA***	***SW 0 - 1/8 (0.122 mi.)***	***H42***	***167***
KUDER ENGINEERING IN	***2155 S CUCAMONGA AVE***	***SW 1/8 - 1/4 (0.144 mi.)***	***L53***	***243***
ABBA ROLLER	***1351 E PHILADELPHIA***	***ESE 1/8 - 1/4 (0.155 mi.)***	***G55***	***267***
OFFICE DEPOT #2356	***2205 S GROVE AVE***	***SSE 1/8 - 1/4 (0.163 mi.)***	***O61***	***298***

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 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO #5252 Status: A Tank Status: A Comp Number: 67558	***2156 GROVE***	***SSE 0 - 1/8 (0.097 mi.)***	***C22***	***55***
ONTARIO Status: A Tank Status: A Comp Number: 68121	***1165 E PHILADELPHIA***	***SSW 0 - 1/8 (0.120 mi.)***	***F38***	***161***

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 3 HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PRESTIGE STATIONS IN Facility Id: 00000067558	***2156 SOUTH GROVE AVE***	***SSE 0 - 1/8 (0.097 mi.)***	***C23***	***60***
ONTARIO Facility Id: 00000068121	1165 E PHILADELPHIA	SSW 0 - 1/8 (0.120 mi.)	F32	112
ONTARIO MAINT YARD Facility Id: 00000044824	1165 E PHILADELPHIA	SSW 0 - 1/8 (0.120 mi.)	F39	163

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO #5252 Facility Id: 36005737 Status: A	***2156 GROVE***	***SSE 0 - 1/8 (0.097 mi.)***	***C22***	***55***
ONTARIO Facility Id: 36000491 Status: A	***1165 E PHILADELPHIA***	***SSW 0 - 1/8 (0.120 mi.)***	***F38***	***161***

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 04/18/2022 has revealed that there are 2 CERS TANKS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PRESTIGE STATIONS IN	***2156 SOUTH GROVE AVE***	***SSE 0 - 1/8 (0.097 mi.)***	***C23***	***60***
CALTRANS-ONTARIO	***1165 E PHILADELPHIA***	***SSW 0 - 1/8 (0.120 mi.)***	***F34***	***113***

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 06/20/2022 has revealed that there are 23 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HILTI CENTER EPA ID:: CAL000305504	1950 S GROVE AVE	N 0 - 1/8 (0.095 mi.)	20	52
PSIP EBS FRANCIS, LL EPA ID:: CAC003180333	1945 S GROVE AVE	NNE 0 - 1/8 (0.123 mi.)	I44	189
POWER GRADE INC EPA ID:: CAL000435849	2009 S CUCAMONGA AVE	WNW 0 - 1/8 (0.124 mi.)	K46	195
ART'S FORKLIFT REPAI EPA ID:: CAL000260260	1948 S GROVE AVE	NNE 1/8 - 1/4 (0.141 mi.)	I50	233
NATIONAL DISTRIBUTIO EPA ID:: CAL000402874	1991 S CUCAMONGA AVE	NW 1/8 - 1/4 (0.168 mi.)	P62	301
AIR CONTROL SYSTEMS EPA ID:: CAL000328917	1940 S GROVE AVE	N 1/8 - 1/4 (0.183 mi.)	M67	322
AM-TEK ENGINEERING I EPA ID:: CAL000459074	1180 E FRANCIS ST ST	N 1/8 - 1/4 (0.204 mi.)	Q68	324
AM-TEK ENGINEERING, EPA ID:: CAC003054147	1180 E FRANCIS ST.	N 1/8 - 1/4 (0.204 mi.)	Q71	328
AM-TEK ENGINEERING, EPA ID:: CAC003035904	1180 E FRANCIS ST	N 1/8 - 1/4 (0.204 mi.)	Q72	330

Lower Elevation	Address	Direction / Distance	Map ID	Page
YODER DEVELOPMENT EPA ID:: CAC003109225	2124 S. GROVE AVENUE	SE 0 - 1/8 (0.017 mi.)	B11	31
ISEC, INC. EPA ID:: CAC003168488	2131 SOUTH GROVE AVE	ESE 0 - 1/8 (0.029 mi.)	B12	34
ISEC INC EPA ID:: CAC003079375	2131 S. GROVE AVE, S	ESE 0 - 1/8 (0.029 mi.)	B13	36
US HEALTHWORKS MEDIC	2171 S GROVE AVE STE	SE 0 - 1/8 (0.077 mi.)	C19	50

EPA ID:: CAL000381157				
SWAIN OIL TRANSPORT EPA ID:: CAC002990306	2156 S GROVE AVE	SSE 0 - 1/8 (0.097 mi.)	C24	98
TRISHA PETRO INC EPA ID:: CAL000382842	2156 S GROVE AVE	SSE 0 - 1/8 (0.097 mi.)	C25	100
HEAVY MOTIONS INC EPA ID:: CAL000459213	2134 S GREEN PRIVADO	ESE 0 - 1/8 (0.100 mi.)	D30	107
KIMBERLY CORY EPA ID:: CAC003069362	2091 S. CUCOMONGA AV	W 0 - 1/8 (0.112 mi.)	E31	109
C & T JAPANESE ENGIN EPA ID:: CAL000221246	1127 E PHILADELPHIA	SW 0 - 1/8 (0.122 mi.)	H41	164
KUDER ENGINEERING IN EPA ID:: CAL000148233	2155 S CUCAMONGA	SW 1/8 - 1/4 (0.144 mi.)	L52	241
ABBA ROLLER LLC EPA ID:: CAL000360418	1351 E PHILADELPHIA	ESE 1/8 - 1/4 (0.155 mi.)	G56	288
CHIPOTLE 2346 EPA ID:: CAC003059928	2200 S GROVE AVE	SSE 1/8 - 1/4 (0.159 mi.)	N58	291
CHIPOTLE MEXICAN GRI EPA ID:: CAC003105288	2200 S. GROVE AVE #1	SSE 1/8 - 1/4 (0.159 mi.)	N59	293
OFFICE DEPOT 2356 EPA ID:: CAL000420850	2205 S GROVE	SSE 1/8 - 1/4 (0.163 mi.)	O60	296

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 03/21/2022 has revealed that there are 4 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ONTARIO SERVICE CENT Cleanup Status: COMPLETED - CASE CLOSED	***1351 E FRANCIS ST***	***NE 1/4 - 1/2 (0.391 mi.)***	***T80***	***353***
HHW SATELLITE ONTARI Cleanup Status: COMPLETED - CASE CLOSED	***1408 E FRANCIS ST***	***NE 1/4 - 1/2 (0.419 mi.)***	***U82***	***356***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO #5252 Cleanup Status: COMPLETED - CASE CLOSED	***2156 GROVE***	***SSE 0 - 1/8 (0.097 mi.)***	***C22***	***55***
CALIFORNIA AIR NATIO Cleanup Status: COMPLETED - CASE CLOSED	***TAXIWAY 62 & CUCAMON***	***SSW 1/4 - 1/2 (0.411 mi.)***	***81***	***354***

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
ONTARIO SERVICE CENT	***1351 FRANCIS ST***	***NE 1/4 - 1/2 (0.391 mi.)***	***T79***	***345***
Reg Id: 083600303T				
ONTARIO FIRE STATION	***1408 FRANCIS ST***	***NE 1/4 - 1/2 (0.419 mi.)***	***U84***	***361***
Reg Id: 083602902T				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO #5252	***2156 GROVE***	***SSE 0 - 1/8 (0.097 mi.)***	***C22***	***55***
Reg Id: 083602909T				
CALIFORNIA AIR NATIO	***TAXIWAY 62 & CUCAMON***	***SSW 1/4 - 1/2 (0.411 mi.)***	***81***	***354***
Reg Id: 083602643T				

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 05/16/2022 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
LIGHTING RESOURCES I	***805 FRANCIS ST***	***NW 1/2 - 1 (0.564 mi.)***	***85***	***365***
EPA ID: CAL000827758				
EPA ID: CAR000156125				
Cleanup Status: CLOSED				
Cleanup Status: OPERATING PERMIT				

San Bern. Co. Permit: San Bernardino County Fire Department Hazardous Materials Division.

A review of the San Bern. Co. Permit list, as provided by EDR, and dated 05/12/2022 has revealed that there are 30 San Bern. Co. Permit sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
C&D ZODIAC - ONTARIO	***1945 S GROVE AVE***	***NNE 0 - 1/8 (0.123 mi.)***	***I43***	***171***
Facility Status: ACTIVE				
Facility Status: INACTIVE				
Facility Id: FA0001634				
Facility Id: FA0005340				
HANCRETE PROD INC	***2010 S CUCAMONGA AVE***	***WNW 1/8 - 1/4 (0.140 mi.)***	***K48***	***209***
Facility Status: ACTIVE				
Facility Status: INACTIVE				
Facility Id: FA0003692				
ART'S FORKLIFT REPAI	***1948 S GROVE AVE***	***NNE 1/8 - 1/4 (0.141 mi.)***	***I49***	***227***
Facility Status: ACTIVE				
Facility Id: FA0001139				
JD FINISHING	***1351 E CHIEF PRIVADO***	***ENE 1/8 - 1/4 (0.141 mi.)***	***J51***	***236***
Facility Status: ACTIVE				
Facility Status: INACTIVE				

Facility Id: FA0008192 Facility Id: FA0004104				
FREEDOM FINISHING Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0003341	***1942 S GROVE AVE***	***NNW 1/8 - 1/4 (0.152 mi.)***	***M54***	***257***
NFI NATIONAL DIST. C Facility Status: ACTIVE Facility Status: FEE EXEMPT Facility Id: FA0004973	***1991 S CUCAMONGA AVE***	***NW 1/8 - 1/4 (0.168 mi.)***	***P63***	***304***
FIBER DESIGN INTL Facility Status: INACTIVE Facility Id: FA0003208	***1938 S GROVE AV***	***N 1/8 - 1/4 (0.177 mi.)***	***Q64***	***306***
AIRGAS USA, LLC Facility Status: ACTIVE Facility Id: FA0005236	***1936 S GROVE AVE***	***NNE 1/8 - 1/4 (0.178 mi.)***	***Q65***	***308***
AIR CONTROL SYSTEMS Facility Status: ACTIVE Facility Id: FA0015515	***1940 S GROVE AVE***	***N 1/8 - 1/4 (0.183 mi.)***	***M66***	***311***
AM-TEK ENGINEERING I Facility Status: ACTIVE Facility Id: FA0017583	1180 E FRANCIS AVE B	N 1/8 - 1/4 (0.204 mi.)	Q69	327
FORMULA PLASTICS, IN Facility Status: INACTIVE Facility Id: FA0009953	1180 E FRANCIS ST BL	N 1/8 - 1/4 (0.204 mi.)	Q70	327
AMERICAN PAINT & BOD Facility Status: INACTIVE Facility Id: FA0000908	1842 S GROVE AVE	NNE 1/8 - 1/4 (0.223 mi.)	R75	336
FRONTIER CALIFORNIA, Facility Status: ACTIVE Facility Id: FA0000036	1911 S CUCAMONGA AVE	NW 1/8 - 1/4 (0.227 mi.)	S76	337
HOME DEPOT NO 6704 Facility Status: ACTIVE Facility Id: FA0008176	***1990 S CUCAMONGA AVE***	***NW 1/8 - 1/4 (0.233 mi.)***	***S78***	***341***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TECH INDUSTRIAL MACH Facility Status: INACTIVE Facility Id: FA0003414	***2124 S GROVE AVE UNI***	***SE 0 - 1/8 (0.017 mi.)***	***B10***	***27***
MASTER SPRAYERS Facility Status: INACTIVE Facility Id: FA0004611	2128 GROVE AVE O	SE 0 - 1/8 (0.033 mi.)	B14	39
MASTERBURR Facility Status: INACTIVE Facility Id: FA0004606	2132 S GROVE AVE J	SE 0 - 1/8 (0.048 mi.)	B17	47
DIRECT IMAGE REPROGR Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0014522	***2132 SOUTH GROVE AVE***	***SE 0 - 1/8 (0.048 mi.)***	***B18***	***47***

Facility Id: FA0000737				
PRESTIGE STATIONS IN Facility Status: ACTIVE Facility Id: FA0001082	***2156 SOUTH GROVE AVE***	***SSE 0 - 1/8 (0.097 mi.)***	***C23***	***60***
GRAND VIEW GLASS AND Facility Status: INACTIVE Facility Id: FA0010756	2134 GREEN PRIVADO	ESE 0 - 1/8 (0.100 mi.)	D29	106
CALTRANS-ONTARIO Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0006384	***1165 E PHILADELPHIA***	***SSW 0 - 1/8 (0.120 mi.)***	***F34***	***113***
PBB, INC Facility Status: INACTIVE Facility Id: FA0008188	1311 E PHILADELPHIA	SE 0 - 1/8 (0.122 mi.)	G40	164
C & T JAPANESE ENGIN Facility Status: ACTIVE Facility Id: FA0001646	***1127 E PHILADELPHIA***	***SW 0 - 1/8 (0.122 mi.)***	***H42***	***167***
SUPERIOR POOL PRODUC Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0008634	***2127 S GREEN PRIVADO***	***E 0 - 1/8 (0.124 mi.)***	***J45***	***191***
CALIFORNIA QUALITY P Facility Status: ACTIVE Facility Id: FA0018147	***2104 S CUCAMONGA AVE***	***WSW 1/8 - 1/4 (0.138 mi.)***	***E47***	***197***
KUDER ENGINEERING IN Facility Status: ACTIVE Facility Id: FA0004307	***2155 S CUCAMONGA AVE***	***SW 1/8 - 1/4 (0.144 mi.)***	***L53***	***243***
ABBA ROLLER Facility Status: ACTIVE Facility Id: FA0000189	***1351 E PHILADELPHIA***	***ESE 1/8 - 1/4 (0.155 mi.)***	***G55***	***267***
EL POLLO LOCO #6030 Facility Status: INACTIVE Facility Id: FA0018051	1180 E PHILADELPHIA	S 1/8 - 1/4 (0.157 mi.)	N57	290
OFFICE DEPOT #2356 Facility Status: ACTIVE Facility Status: FEE EXEMPT Facility Id: FA0017254	***2205 S GROVE AVE***	***SSE 1/8 - 1/4 (0.163 mi.)***	***O61***	***298***
FIBERTECH POLYMERS, Facility Status: INACTIVE Facility Id: FA0012171	2150 B PARCO AVE	ESE 1/8 - 1/4 (0.210 mi.)	73	333

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 is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

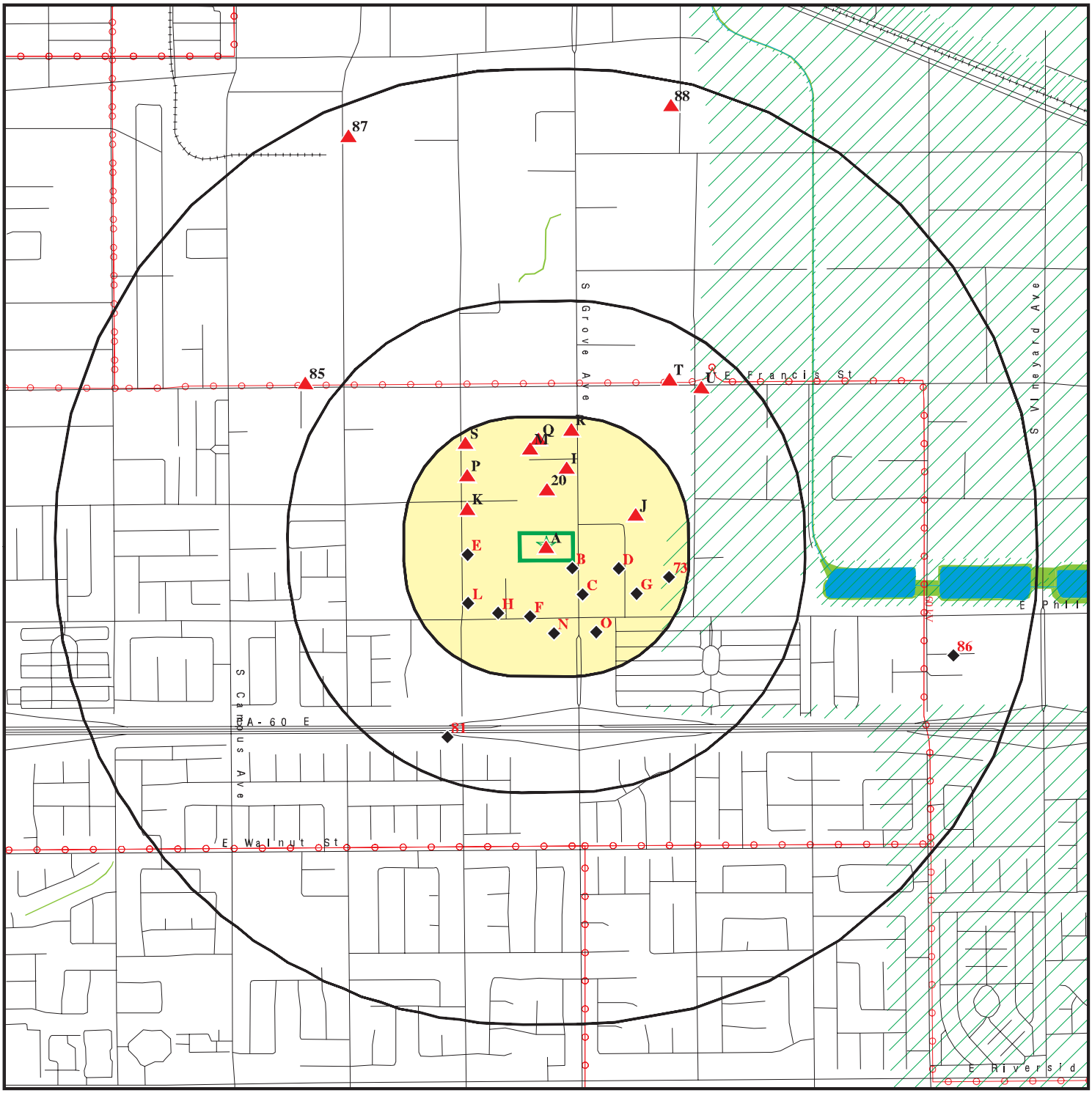
Lower Elevation	Address	Direction / Distance	Map ID	Page
ABUSHAM PETRO LLC	2156 S GROVE AVE	SSE 0 - 1/8 (0.097 mi.)	C26	103

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
SO CAL GAS/ONTARIO MGP	EDR MGP

OVERVIEW MAP - 7097762.2S

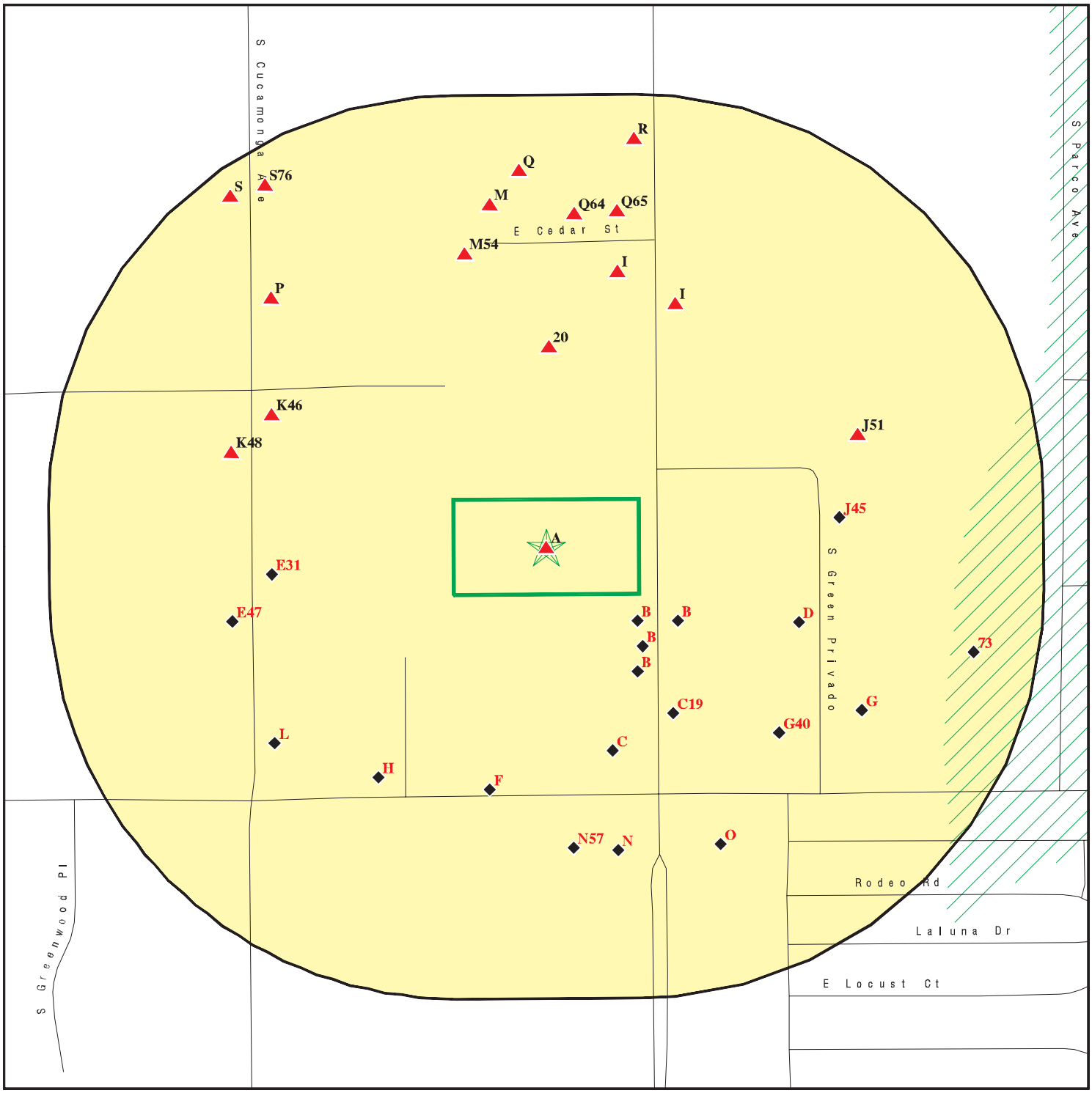


- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- 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: 2042 South Grove Avenue	CLIENT: Roux Associates
ADDRESS: 2042 South Grove Avenue Ontario CA 91761	CONTACT: Ashley Whitaker INQUIRY #: 7097762.2s
LAT/LONG: 34.036184 / 117.629684	DATE: August 25, 2022 12:00 pm

DETAIL MAP - 7097762.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

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: 2042 South Grove Avenue	CLIENT: Roux Associates
ADDRESS: 2042 South Grove Avenue Ontario CA 91761	CONTACT: Ashley Whitaker INQUIRY #: 7097762.2s
LAT/LONG: 34.036184 / 117.629684	DATE: August 25, 2022 12:00 pm

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								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		4	2	NR	NR	NR	6
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	0	3	NR	3
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		1	0	0	NR	NR	1

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
Lists of state and tribal leaking storage tanks								
LUST	0.500		1	0	4	NR	NR	5
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	2	NR	NR	2
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		2	0	NR	NR	NR	2
AST	0.250		2	0	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield 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	1	0	NR	NR	NR	NR	1
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250	1	3	6	NR	NR	NR	10
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		2	0	NR	NR	NR	2
HIST UST	0.250		3	0	NR	NR	NR	3
CA FID UST	0.250		2	0	NR	NR	NR	2

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
CERS TANKS	0.250		2	0	NR	NR	NR	2
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
CHMIRS	0.001	1	0	NR	NR	NR	NR	1
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	12	11	NR	NR	NR	24
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
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001	2	0	NR	NR	NR	NR	2

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
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		1	0	3	NR	NR	4
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001	1	0	NR	NR	NR	NR	1
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	0	3	NR	NR	4
HWP	1.000		0	0	0	1	NR	1
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001	1	0	NR	NR	NR	NR	1
San Bern. Co. Permit	0.250	1	11	19	NR	NR	NR	31
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001	1	0	NR	NR	NR	NR	1
CERS	0.001	1	0	NR	NR	NR	NR	1
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
HWTS	TP	3	NR	NR	NR	NR	NR	3
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0

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
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		15	49	38	12	4	0	118

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **HHS CONSTRUCTION** **RCRA NonGen / NLR** **1026490015**
Target **2042 S GROVE AVE** **CAL000406821**
Property **ONTARIO, CA 91761**

Site 1 of 9 in cluster A

Actual:
856 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20200611
Handler Name:	HHS CONSTRUCTION	
Handler Address:		2042 S GROVE AVE
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAL000406821
Contact Name:		DAVE CURRY
Contact Address:		S GROVE AVE
Contact City,State,Zip:		ONTARIO, CA 91761
Contact Telephone:		909-976-4938
Contact Fax:		Not reported
Contact Email:		DCURRY@CONGRUEX.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		S GROVE AVE
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	STEVE SCHWING	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

HHS CONSTRUCTION (Continued) **1026490015**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200616
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: STEVE SCHWING	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2042 S GROVE AVE
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-393-3322
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200611
Handler Name: HHS CONSTRUCTION	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

HHS CONSTRUCTION (Continued) **1026490015**

Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 238910
NAICS Description: SITE PREPARATION CONTRACTORS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20170913
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported

HHS CONSTRUCTION (Continued) **1026490015**

Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

A2 **HHS CONSTRUCTION** **HAULERS** **S127792440**
Target **2042 S GROVE AVE** **N/A**
Property **ONTARIO, CA 91761**

Site 2 of 9 in cluster A

Actual: **856 ft.**

HAULERS:

Name:	HHS CONSTRUCTION
Address:	2042 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761-5617
Facility ID:	1642168
Facility Phone:	(909) 230-5170
Business Email Address:	Not reported
Contact Person:	Troy Reimiers
Mailing Address:	2042 S Grove Ave
Mailing City:	Ontario
Mailing State:	CA
Mailing Zip:	91761
Mailing County:	San Bernardino
Mailing Phone:	Not reported
Current Status:	Active
Current Hauler Status:	Not reported
Accepting Tires From Public:	Not reported
Regulatory Status Last Changed:	Not reported
Business Types:	Not reported

A3 **GROVE LUMBER & HARDWARE** **CIWQS** **S121642153**
Target **2042 S GROVE AVE** **N/A**
Property **ONTARIO, CA 91761**

Site 3 of 9 in cluster A

Actual: **856 ft.**

CIWQS:

Name:	GROVE LUMBER & HARDWARE
Address:	2042 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Agency:	Grove Lumber & Hardware
Agency Address:	2042 S Grove Ave, Ontario, CA 91761
Place/Project Type:	Industrial - Special Product Sawmills, NEC
SIC/NAICS:	2429
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 36I020048
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	02/02/2006
Termination Date:	02/09/2009
Expiration/Review Date:	Not reported

GROVE LUMBER & HARDWARE (Continued) **S121642153**

Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.03683
Longitude:	-117.62851

A4 **1X GROVE LUMBER** **HWTS** **S124531512**
Target **2042 SO GROVE AVE** **N/A**
Property **ONTARIO, CA 91761**

Site 4 of 9 in cluster A

Actual: **856 ft.**

HWTS:

Name:	1X GROVE LUMBER
Address:	2042 SO GROVE AVE
Address 2:	Not reported
City,State,Zip:	ONTARIO, CA 91761
EPA ID:	CAC000502408
Inactive Date:	10/25/2000
Create Date:	07/30/1990
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ONTARIO, CA 917610000
Owner Name:	THOMAS A DAG
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Contact Name:	JERNIGAN, JAMES/CTRLR
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	34.037558
Longitude:	-117.628587

A5 **GROVE LUMBER** **NPDES** **S124756737**
Target **2042 S GROVE AV** **HWTS** **N/A**
Property **ONTARIO, CA 91761**

Site 5 of 9 in cluster A

Actual: **856 ft.**

NPDES:

Name:	HHS CONSTRUCTION
Address:	2042 S GROVE AVENUE
City,State,Zip:	ONTARIO, CA 91762
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported

GROVE LUMBER (Continued) **S124756737**

Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 36IN607220
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	No Action Required
Status Date:	12/08/2021
Operator Name:	HHS Construction
Operator Address:	2042 S Grove Avenue
Operator City:	Ontario
Operator State:	California
Operator Zip:	91762

HWTS:

Name:	GROVE LUMBER
Address:	2042 S GROVE AV
Address 2:	Not reported
City,State,Zip:	ONTARIO, CA 91761
EPA ID:	CAL000000478
Inactive Date:	06/30/1998
Create Date:	11/14/1989
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2042 S GROVE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ONTARIO, CA 917615617
Owner Name:	GROVE LUMBER
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Contact Name:	Not reported
Contact Address:	INACT PER 98VQ FINAL NOTICE
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.037558
Longitude:	-117.628587

A6 **HHS CONSTRUCTION** **FINDS** **1023373301**
Target **2042 S GROVE AVE** **ECHO** **N/A**
Property **ONTARIO, CA 91761**

Site 6 of 9 in cluster A

Actual:
856 ft.

FINDS:
Registry ID: 110066712445

Click Here for FRS Facility Detail Report:

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.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1023373301
Registry ID: 110066712445
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110066712445
Name: HHS CONSTRUCTION
Address: 2042 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761

A7 **HHS CONSTRUCTION INC.** **CERS HAZ WASTE** **S116287697**
Target **2042 S GROVE AVE** **HAZNET** **N/A**
Property **ONTARIO, CA 91761** **San Bern. Co. Permit**
CERS
HWTS

Site 7 of 9 in cluster A

Actual:
856 ft.

CERS HAZ WASTE:
Name: HHS CONSTRUCTION INC.
Address: 2042 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 36283
CERS ID: 10476988
CERS Description: Hazardous Waste Generator

HAZNET:
Name: HHS CONSTRUCTION INC
Address: 2042 S GROVE AVE
Address 2: Not reported
City,State,Zip: ONTARIO, CA 917615617
Contact: DAVID CURRY
Telephone: 9098413609

HHS CONSTRUCTION INC. (Continued) **S116287697**

Mailing Name: Not reported
Mailing Address: 2042 S GROVE AVE

Year: 2019
Gepaid: CAL000406821
TSD EPA ID: AZR000520304
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.20000

Year: 2019
Gepaid: CAL000406821
TSD EPA ID: AZR000520304
CA Waste Code: 291 - Latex waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.20000

Year: 2017
Gepaid: CAL000406821
TSD EPA ID: CAD008302903
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.165

Year: 2016
Gepaid: CAL000406821
TSD EPA ID: CAD008302903
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.165

Additional Info:
Year: 2017
Gen EPA ID: CAL000406821

Shipment Date: 20170112
Creation Date: 3/21/2017 18:30:31
Receipt Date: 20170119
Manifest ID: 015570707JJK
Trans EPA ID: CAR000074542
Trans Name: DESERT ENVIRONMENTAL SERVICES, INC.
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.165
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported

HHS CONSTRUCTION INC. (Continued) **S116287697**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

San Bern. Co. Permit:
Name: HHS CONSTRUCTION INC.
Address: 2042 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0015264
Owner: HHS Construction Inc.
Permit Number: PT0026596
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: ACTIVE
Expiration Date: 02/28/2022

Name: HHS CONSTRUCTION INC.
Address: 2042 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0015264
Owner: HHS Construction Inc.
Permit Number: PT0026595
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 02/28/2022

CERS:
Name: HHS CONSTRUCTION INC.
Address: 2042 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 36283
CERS ID: 10476988
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 36283
Site Name: HHS Construction Inc.
Violation Date: 03-24-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 06/19/2020. OBSERVATION: At time of inspection, the federal hazard categories were incomplete for the items listed on hazardous materials inventory submitted via CERS on 6-11-2019. CORRECTIVE ACTION: Submit accurate federal hazard category information for all items listed on hazardous materials inventory via CERS within 30 days.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 36283
Site Name: HHS Construction Inc.

HHS CONSTRUCTION INC. (Continued) **S116287697**

Violation Date:	03-24-2020
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 06/19/2020. OBSERVATION: At time of inspection, observed (1) 55 gallon drum of acetone which was not listed on hazardous materials inventory submitted via CERS on 6-11-2019. CORRECTIVE ACTION: Submit an updated hazardous materials inventory via CERS within 30 days. CERS ID 10476988.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	36283
Site Name:	HHS Construction Inc.
Violation Date:	03-24-2020
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 06/16/2020. OBSERVATION: At time of inspection, generator's EPA ID number CAL000406821 was inactive. CORRECTIVE ACTION: Submit form #1358 to Department of Toxic Substances Control (DTSC) to reactivate EPA ID number CAL000406821. Submit a signed statement indicating form #1358 has been sent to DTSC within 30 days.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	36283
Site Name:	HHS Construction Inc.
Violation Date:	01-30-2017
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 04/06/2017. Failure to obtain an EPA ID Number (CCR 66262.12(a)) EPA ID number is inactive
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	36283
Site Name:	HHS Construction Inc.
Violation Date:	03-24-2020
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200

HHS CONSTRUCTION INC. (Continued) **S116287697**

	miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 04/08/2020. OBSERVATION: At time of inspection, observed (1) 55 gallon drum of waste antifreeze without a hazardous waste label and the most recent manifest receipt for waste antifreeze dated for 4-26-2017. Accumulation time has exceeded. CORRECTIVE ACTION: Dispose of hazardous waste that has been stored over the applicable time limit and provide documentation that the violation has been corrected.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	36283
Site Name:	HHS Construction Inc.
Violation Date:	01-30-2017
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 04/06/2017. Drained used oil filters missing accumulation start date.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	36283
Site Name:	HHS Construction Inc.
Violation Date:	03-24-2020
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 06/16/2020. OBSERVATION: (1) 55 gallon drum of drained used oil filters located in the hazardous waste storage area of mechanics shop was observed open when not in use and was not labeled. CORRECTIVE ACTION: Close and properly label the drum of drained used oil filters. Submit photos demonstrating violations have been corrected.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	36283
Site Name:	HHS Construction Inc.
Violation Date:	01-30-2017
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 04/06/2017. Failure to label hazardous waste containers (CCR 66262.34(f)(3)) Hazardous waste containers not labeled.

HHS CONSTRUCTION INC. (Continued) **S116287697**

Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	36283
Site Name:	HHS Construction Inc.
Violation Date:	01-30-2017
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 04/06/2017. Failure to note accumulation start date on labels (CCR 66262.34(f)(2)) Accumulation start date not available.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	36283
Site Name:	HHS Construction Inc.
Violation Date:	01-30-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 02/15/2017. Yearly Business Plan resubmittal not made to CERS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	36283
Site Name:	HHS Construction Inc.
Violation Date:	03-24-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/16/2020. OBSERVATION: At time of inspection, observed (1) 55 gallon drum of waste antifreeze and (1) 55 gallon drum of waste oily solids without hazardous waste labels. In addition, observed (1) 240 gallon container of used oil with an incomplete hazardous waste label. CORRECTIVE ACTION: Properly label all hazardous waste containers and submit photos indicating all hazardous waste containers have been properly labeled.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	36283
Site Name:	HHS Construction Inc.
Violation Date:	03-24-2020
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

HHS CONSTRUCTION INC. (Continued) **S116287697**

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 06/16/2020. OBSERVATION: At time of inspection, (1) 55 gallon drum of waste antifreeze and (1) 55 gallon drum of waste oily solids located in the hazardous waste storage area of the mechanics shop were observed open when not in use. CORRECTIVE ACTION: Close all the hazardous waste containers and submit photos to the CUPA demonstrating that the containers listed above have been properly closed.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 36283
Site Name: HHS Construction Inc.
Violation Date: 01-30-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 04/06/2017. Failure to complete hazardous waste labels (CCR 66262.34(f)(3)) Waste containers are not labeled.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 36283
Site Name: HHS Construction Inc.
Violation Date: 03-24-2020
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes: Returned to compliance on 06/16/2020. OBSERVATION: Based on observation of hazardous waste storage area, weekly inspections are not being conducted. CORRECTIVE ACTION: Submit a copy of the inspection log to the CUPA demonstrating that the hazardous waste storage area is being inspected weekly.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-24-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-19-2013

HHS CONSTRUCTION INC. (Continued) **S116287697**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HHS CONSTRUCTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-19-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HHS CONSTRUCTION
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-24-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE GENERATOR INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 36283
Site Name: HHS Construction Inc.
Site Address: 2042 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 01-30-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

HHS CONSTRUCTION INC. (Continued) **S116287697**

Site ID: 36283
Site Name: HHS Construction Inc.
Site Address: 2042 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 01-30-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 36283
Facility Name: HHS Construction Inc.
Env Int Type Code: HWG
Program ID: 10476988
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.036180
Longitude: -117.629670

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: David Curry
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: David Curry
Entity Title: Not reported
Affiliation Address: 2042 S. Grove Ave
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: HHS Construction Inc.
Entity Title: Not reported
Affiliation Address: 2042 S. Grove Ave.
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91761
Affiliation Phone: (909) 393-3322,

Affiliation Type Desc: Operator
Entity Name: HHS Construction Inc.

HHS CONSTRUCTION INC. (Continued) **S116287697**

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (909) 393-3322,

Affiliation Type Desc: Parent Corporation
Entity Name: HHS Construction LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2042 S. Grove Ave
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: David Curry
Entity Title: Director of Safety
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:
Name: HHS CONSTRUCTION
Address: 2042 S GROVE AVE
Address 2: Not reported
City,State,Zip: ONTARIO, CA 91761
EPA ID: CAL000406821
Inactive Date: Not reported
Create Date: 05/14/2015

HHS CONSTRUCTION INC. (Continued) **S116287697**

Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2042 S GROVE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ONTARIO, CA 91761
Owner Name:	STEVE SCHWING
Owner Address:	2042 S GROVE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	ONTARIO, CA 91761
Contact Name:	BEVERLY SHIRVANI
Contact Address:	2042 S GROVE AVE
Contact Address 2:	Not reported
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.036218
Longitude:	-117.629298

NAICS:

EPA ID:	CAL000406821
Create Date:	2020-06-16 14:57:04.110
NAICS Code:	238910
NAICS Description:	Site Preparation Contractors
Issued EPA ID Date:	2015-05-14 13:26:41.42000
Inactive Date:	Not reported
Facility Name:	HHS CONSTRUCTION
Facility Address:	2042 S GROVE AVE
Facility Address 2:	Not reported
Facility City:	ONTARIO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91761

EPA ID:	CAL000406821
Create Date:	2020-06-16 14:57:04.110
NAICS Code:	238910
NAICS Description:	Site Preparation Contractors
Issued EPA ID Date:	2015-05-14 13:26:41.42000
Inactive Date:	Not reported
Facility Name:	HHS CONSTRUCTION
Facility Address:	2042 S GROVE AVE
Facility Address 2:	Not reported
Facility City:	ONTARIO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91761

A8
Target Property
HHS CONSTRUCTION
2042 S GROVE AVENUE
ONTARIO, CA 91762

ECHO **1027190646**
N/A

Site 8 of 9 in cluster A

Actual:
856 ft.

ECHO:

Envid:	1027190646
Registry ID:	Not reported
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=CAW544505
Name:	HHS CONSTRUCTION
Address:	2042 S GROVE AVENUE
City,State,Zip:	ONTARIO, CA 91762

A9
Target Property
HHS COMMUNICATIONS / 2042 S. GROVE AVE
ONTARIO, CA

CHMIRS **S128202431**
N/A

Site 9 of 9 in cluster A

Actual:
856 ft.

CHMIRS:

Name:	Not reported
Address:	HHS COMMUNICATIONS / 2042 S. GROVE AVE
City,State,Zip:	ONTARIO, CA
OES Incident Number:	21-6884
OES notification:	12/03/2021
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Merchant/Business
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported

(Continued) **S128202431**

Measure:	Not reported
Other:	Not reported
Type:	CHEMICAL
Measure:	Gal(s)
Other:	Not reported
Date/Time:	800
Year:	2021
Agency:	XXX
Incident Date:	11/20/2021
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Not stopped
Site Type:	Not reported
E Date:	Not reported
Substance:	Mixture of Chemicals
Quantity Released:	500
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states that approx 500 gallons of the unknown chemical mixture were dumped in the backyard of the incident location listed. Per RP it is been going on for a few months.

B10 **TECH INDUSTRIAL MACHINING CORP** **CHMIRS** **S104766470**
SE **2124 S GROVE AVE UNIT J** **NPDES** **N/A**
< 1/8 **ONTARIO, CA 91761** **San Bern. Co. Permit**
0.017 mi. **CIWQS**
88 ft. **Site 1 of 9 in cluster B** **CERS**

Relative: **Lower**

Actual: **853 ft.**

CHMIRS:

Name:	Not reported
Address:	2124 S GROVE AV
City,State,Zip:	ONTARIO, CA
OES Incident Number:	8-3840
OES notification:	08/22/1998
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported

TECH INDUSTRIAL MACHINING CORP (Continued) **S104766470**

Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1998
Agency:	Ontario Fire
Incident Date:	8/22/199812:00:00 AM
Admin Agency:	San Bernardino County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	Cutting oil, mobilnet s-122
Gallons:	55
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Owner of a shop was unaware that he couldn't dump the used oil out in a field.

TECH INDUSTRIAL MACHINING CORP (Continued) **S104766470**

NPDES:

Name:	TECH INDUSTRIAL MACHINING CORP
Address:	2124 S GROVE AVE UNIT J
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Active
NPDES Number:	CAS000001
Region:	8
Agency Number:	0
Regulatory Measure ID:	544525
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 36NEC010713
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/23/2022
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2124 S Grove Ave unit j
Discharge Name:	Tech Industrial Machining Corp
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	91761
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	PACOS MACHINE SHOP
Address:	2124 SOUTH GROVE AVENUE #E
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 36IN601768
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Undetermined
Status Date:	02/01/2012
Operator Name:	Francisco Uribe
Operator Address:	2124 South Grove Avenue #E

TECH INDUSTRIAL MACHINING CORP (Continued) **S104766470**

Operator City:	Ontario
Operator State:	California
Operator Zip:	91761
Name:	TECH INDUSTRIAL MACHINING CORP
Address:	2124 S GROVE AVE UNIT J
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 36NEC010713
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	02/23/2022
Operator Name:	Tech Industrial Machining Corp
Operator Address:	2124 S Grove Ave unit j
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761

San Bern. Co. Permit:

Name:	GARY'S GRINDING & HARD CHROME, INC.
Address:	2124 S GROVE AVE A
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0003414
Owner:	SPRUNG, ROSE MARIE
Permit Number:	PT0001277
Permit Category:	CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Facility Status:	INACTIVE
Expiration Date:	10/31/2008
Name:	GARY'S GRINDING & HARD CHROME, INC.
Address:	2124 S GROVE AVE A
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0003414
Owner:	SPRUNG, ROSE MARIE
Permit Number:	PT0001276
Permit Category:	HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)
Facility Status:	INACTIVE
Expiration Date:	10/31/2008

TECH INDUSTRIAL MACHINING CORP (Continued) **S104766470**

CIWQS:

Name:	TECH INDUSTRIAL MACHINING CORP
Address:	2124 S GROVE AVE UNIT J
City,State,Zip:	ONTARIO, CA 91761
Agency:	Tech Industrial Machining Corp
Agency Address:	2124 S Grove Ave unit j, Ontario, CA 91761
Place/Project Type:	Industrial - General Industrial Machinery and Equipment, NEC
SIC/NAICS:	3569
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 36NEC010713
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	02/23/2022
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.03572
Longitude:	-117.62951

CERS:

Name:	GARY'S GRINDING & HARD CHROME
Address:	2124 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Site ID:	469542
CERS ID:	110013955817
CERS Description:	US EPA Air Emission Inventory System (EIS)

B11 **YODER DEVELOPMENT** **RCRA NonGen / NLR** **1026720510**
SE **2124 S. GROVE AVENUE, UNIT F** **CAC003109225**
< 1/8 **ONTARIO, CA 91761**
0.017 mi.
88 ft. **Site 2 of 9 in cluster B**

Relative:
Lower

Actual:
853 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20210309
Handler Name:	YODER DEVELOPMENT	
Handler Address:		2124 S. GROVE AVENUE, UNIT F
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAC003109225
Contact Name:		LORI SMITH
Contact Address:		17291 IRVINE BLVD., STE. 300
Contact City,State,Zip:		TUSTIN, CA 92780
Contact Telephone:		714-838-1618
Contact Fax:		Not reported
Contact Email:		LORI@YODERDEVELOPMENT.NET
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported

YODER DEVELOPMENT (Continued) **1026720510**

Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		17291 IRVINE BLVD., STE. 300
Mailing City,State,Zip:		TUSTIN, CA 92780
Owner Name:	YODER DEVELOPMENT	
Owner Type:		Other
Operator Name:	LORI SMITH	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No

YODER DEVELOPMENT (Continued) **1026720510**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210312
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: LORI SMITH	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	17291 IRVINE BLVD., STE. 300
Owner/Operator City,State,Zip:	TUSTIN, CA 92780
Owner/Operator Telephone:	714-838-1618
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: YODER DEVELOPMENT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	17291 IRVINE BLVD., STE. 300
Owner/Operator City,State,Zip:	TUSTIN, CA 92780
Owner/Operator Telephone:	714-838-1618
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210309
Handler Name: YODER DEVELOPMENT	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

YODER DEVELOPMENT (Continued) **1026720510**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B12 **ISEC, INC.** **RCRA NonGen / NLR** **1027204469**
ESE **2131 SOUTH GROVE AVENUE, SUITE J** **CAC003168488**
< 1/8 **ONTARIO, CA 91761**
0.029 mi.
154 ft. **Site 3 of 9 in cluster B**

Relative: **Lower**
Actual: **852 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20220328
Handler Name:	ISEC, INC.	
Handler Address:		2131 SOUTH GROVE AVENUE, SUITE J
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAC003168488
Contact Name:		JEN HEIMBACH
Contact Address:		2131 SOUTH GROVE AVENUE, SUITE J
Contact City,State,Zip:		ONTARIO, CA 91761
Contact Telephone:		562-883-3214
Contact Fax:		Not reported
Contact Email:		JLHEIMBACH@ISECINC.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		20 CENTERPOINT DR.
Mailing City,State,Zip:		LA PALMA, CA 90623
Owner Name:	LYKA OKADA	
Owner Type:		Other
Operator Name:	JEN HEIMBACH	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported

ISEC, INC. (Continued) **1027204469**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220328
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: LYKA OKADA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20 CENTERPOINT DR.
Owner/Operator City,State,Zip:	LA PALMA, CA 90623
Owner/Operator Telephone:	714-761-5151
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: JEN HEIMBACH	
Legal Status:	Other

ISEC, INC. (Continued) **1027204469**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2131 SOUTH GROVE AVENUE, SUITE J
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	562-883-3214
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220328
Handler Name: ISEC, INC.	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B13 **ISEC INC** **RCRA NonGen / NLR** **1026473699**
ESE **2131 S. GROVE AVE, SUITE J** **CAC003079375**
< 1/8 **ONTARIO, CA 91761**
0.029 mi.
154 ft. **Site 4 of 9 in cluster B**

Relative: **Lower**

Actual: **852 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20200814
Handler Name: ISEC INC	
Handler Address:	2131 S. GROVE AVE, SUITE J
Handler City,State,Zip:	ONTARIO, CA 91761
EPA ID:	CAC003079375
Contact Name:	COLLEEN ATTA - FACILITIES MANAGER
Contact Address:	2131 S. GROVE AVE, SUITE J
Contact City,State,Zip:	ONTARIO, CA 91761
Contact Telephone:	714-620-4743
Contact Fax:	Not reported
Contact Email:	CMATTA@ISECINC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified

ISEC INC (Continued) **1026473699**

Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2131 S. GROVE AVE, SUITE J
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	ISEC INC	
Owner Type:		Other
Operator Name:	COLLEEN ATTA - FACILITIES MANAGER	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No

ISEC INC (Continued) **1026473699**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200814
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: ISEC INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6000 GREENWOOD PLAZA BLVD.
Owner/Operator City,State,Zip:	GREENWOOD VILLAGE, CO 80111
Owner/Operator Telephone:	303-790-1444
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: COLLEEN ATTA - FACILITIES MANAGER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2131 S. GROVE AVE, SUITE J
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	714-620-4743
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200814
Handler Name: ISEC INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	444190
NAICS Description:	OTHER BUILDING MATERIAL DEALERS

ISEC INC (Continued) **1026473699**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B14 **MASTER SPRAYERS** **San Bern. Co. Permit** **S106910979**
SE **2128 GROVE AVE O** **N/A**
< 1/8 **ONTARIO, CA 91761**
0.033 mi.
172 ft. **Site 5 of 9 in cluster B**

Relative: San Bern. Co. Permit:
Lower
Actual: Name: MASTER SPRAYERS
852 ft. Address: 2128 GROVE AVE O
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0004611
Owner: MASTER SPRAYERS
Permit Number: PT0000665
Permit Category: SPECIAL HANDLER
Facility Status: INACTIVE
Expiration Date: 11/30/2001

Name: MASTER SPRAYERS
Address: 2128 GROVE AVE O
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0004611
Owner: MASTER SPRAYERS
Permit Number: PT0000664
Permit Category: SPECIAL GENERATOR
Facility Status: INACTIVE
Expiration Date: 11/30/2001

B15 **MASTER SPRAYERS** **RCRA-SQG** **1004676038**
SE **2128 GROVE UNIT O** **FINDS** **CAR000080184**
< 1/8 **ONTARIO, CA 91761** **ECHO**
0.033 mi. **HAZNET**
172 ft. **Site 6 of 9 in cluster B** **HWTS**

Relative: RCRA-SQG:
Lower
Actual: Date Form Received by Agency: 20000810
852 ft. Handler Name: MASTER SPRAYERS
Handler Address: 2128 GROVE UNIT O
Handler City,State,Zip: ONTARIO, CA 91761
EPA ID: CAR000080184
Contact Name: DOLORES ENRIQUEZ
Contact Address: 2128 GROVE UNIT O
Contact City,State,Zip: ONTARIO, CA 91761
Contact Telephone: 909-923-3715
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported

MASTER SPRAYERS (Continued) **1004676038**

EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2128 GROVE UNIT O
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	DOLORES ENRIQUEZ	
Owner Type:		Private
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported

MASTER SPRAYERS (Continued) **1004676038**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: DOLORES ENRIQUEZ	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2128 GROVE UNIT O
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-923-3715
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20000810
Handler Name: MASTER SPRAYERS	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

MASTER SPRAYERS (Continued) **1004676038**

FINDS:
Registry ID: 110002941817

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004676038
Registry ID:	110002941817
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002941817
Name:	MASTER SPRAYERS
Address:	2128 GROVE UNIT O
City,State,Zip:	ONTARIO, CA 91761

HAZNET:

Name:	MASTER SPRAYERS
Address:	2128 GROVE UNIT O
Address 2:	Not reported
City,State,Zip:	ONTARIO, CA 917610000
Contact:	--
Telephone:	9099233715
Mailing Name:	Not reported
Mailing Address:	2128 GROVE UNIT O
Year:	2001
Gepaid:	CAR000080184
TSD EPA ID:	CAT000613927
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.0924

Additional Info:

Year:	2001
Gen EPA ID:	CAR000080184
Shipment Date:	20010201
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010201
Manifest ID:	20355366
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported

MASTER SPRAYERS (Continued) **1004676038**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0924
Waste Quantity:	22
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	MASTER SPRAYERS
Address:	2128 GROVE UNIT O
Address 2:	Not reported
City,State,Zip:	ONTARIO, CA 91761
EPA ID:	CAR000080184
Inactive Date:	06/30/2001
Create Date:	04/03/2001
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2128 GROVE UNIT O
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ONTARIO, CA 917610000
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	34.035602
Longitude:	-117.628578

B16 **SOUTH DISTRIBUTING CO** **RCRA-SQG 1000405737**
SE **2128 S GROVE #H** **FINDS CAT080013857**
< 1/8 **ONTARIO, CA 91761** **ECHO**
0.033 mi.
172 ft. **Site 7 of 9 in cluster B**

Relative: **Lower**
Actual: **852 ft.**

RCRA-SQG:

Date Form Received by Agency:		19960901
Handler Name:	SOUTH DISTRIBUTING CO	
Handler Address:		2128 S GROVE #H
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAT080013857
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported

SOUTH DISTRIBUTING CO (Continued) **1000405737**

Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		4
Mailing Address:		PO BOX 492
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	NOT REQUIRED	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A

SOUTH DISTRIBUTING CO (Continued) **1000405737**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: GORDON D SOUTH	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name: SOUTH DISTRIBUTING CO	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SOUTH DISTRIBUTING CO (Continued) **1000405737**

Receive Date:	19801208
Handler Name: SOUTH DISTRIBUTING CO	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002946377

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000405737
Registry ID:	110002946377
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002946377
Name:	SOUTH DISTRIBUTING CO
Address:	2128 S GROVE #H
City,State,Zip:	ONTARIO, CA 91761

B17 **MASTERBURR** **San Bern. Co. Permit** **S108937497**
SE **2132 S GROVE AVE J** **N/A**
< 1/8 **ONTARIO, CA 91761**
0.048 mi.
253 ft. **Site 8 of 9 in cluster B**

Relative: **Lower**

Actual: **851 ft.**

San Bern. Co. Permit:

Name:	MASTERBURR
Address:	2132 S GROVE AVE J
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0004606
Owner:	MAST, TOM
Permit Number:	PT0000680
Permit Category:	CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Facility Status:	INACTIVE
Expiration Date:	10/31/2009

B18 **DIRECT IMAGE REPROGRAPHICS** **NPDES** **S102039824**
SE **2132 SOUTH GROVE AVENUE SUITE A** **San Bern. Co. Permit** **N/A**
< 1/8 **ONTARIO, CA 91761** **CERS**
0.048 mi.
253 ft. **Site 9 of 9 in cluster B**

Relative: **Lower**

Actual: **851 ft.**

NPDES:

Name:	DIRECT IMAGE REPROGRAPHICS
Address:	2132 SOUTH GROVE AVENUE SUITE A
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 36IN601863
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Undetermined
Status Date:	04/11/2012
Operator Name:	Kenneth Rodriguez
Operator Address:	2132 South Grove
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761

San Bern. Co. Permit:

Name:	AT&T MOBILITY-VERIZON-CHINO (USID88263)
Address:	2132 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761

DIRECT IMAGE REPROGRAPHICS (Continued) **S102039824**

Region: SAN BERNARDINO
Facility ID: FA0014522
Owner: New Cingular Wireless PCS, LLC dba AT&T Mobility
Permit Number: PT0039556
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: ACTIVE
Expiration Date: 08/31/2022

Name: VERIZON WIRELESS: CHINO
Address: 2132 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0000737
Owner: Verizon Wireless
Permit Number: PT0008086
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: ACTIVE
Expiration Date: 10/31/2021

Name: VERIZON WIRELESS: CHINO
Address: 2132 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0000737
Owner: Verizon Wireless
Permit Number: PT0017404
Permit Category: EPCRA FACILITY
Facility Status: INACTIVE
Expiration Date: 10/31/2007

CERS:
Name: AT&T MOBILITY - VERIZON - CHINO (USID88263)
Address: 2132 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 520149
CERS ID: 10675060
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-01-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: AT&T EH&S Hotline - Option #1
Entity Title: Not reported
Affiliation Address: 308 S. Akard Street, 17th Floor
Affiliation City: Dallas
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 75202

DIRECT IMAGE REPROGRAPHICS (Continued) **S102039824**

Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Jeremy McGrue
Entity Title:	National EPCRA Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	New Cingular Wireless PCS, LLC dba AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	308 S. Akard Street, 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75202
Affiliation Phone:	(214) 464-1712,
Affiliation Type Desc:	Operator
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 566-9347,
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	308 S. Akard Street, 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported

DIRECT IMAGE REPROGRAPHICS (Continued) **S102039824**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	Peter Burnell, Sigma Consultants, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

C19 **US HEALTHWORKS MEDICAL GRP** **RCRA NonGen / NLR** **1024836795**
SE **2171 S GROVE AVE STE A** **CAL000381157**
< 1/8 **ONTARIO, CA 91761**
0.077 mi.
406 ft. **Site 1 of 9 in cluster C**

Relative: **Lower**

Actual: **849 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20121220
Handler Name:	US HEALTHWORKS MEDICAL GRP	
Handler Address:		2171 S GROVE AVE STE A
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAL000381157
Contact Name:		AMY RAINES
Contact Address:		2171 S GROVE AVE STE A
Contact City,State,Zip:		ONTARIO, CA 91761
Contact Telephone:		909-923-4080
Contact Fax:		909-930-0704
Contact Email:		AMY.RAINES@USHWORKS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2171 S GROVE AVE STE A
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	US HEALTHWORKS	
Owner Type:		Other
Operator Name:	AMY RAINES	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No

US HEALTHWORKS MEDICAL GRP (Continued) **1024836795**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: US HEALTHWORKS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	25124 SPRINGFIELD CT STE 200
Owner/Operator City,State,Zip:	VALENCIA, CA 91355-1087

US HEALTHWORKS MEDICAL GRP (Continued) **1024836795**

Owner/Operator Telephone: 661-678-2300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AMY RAINES
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2171 S GROVE AVE STE A
Owner/Operator City,State,Zip: ONTARIO, CA 91761
Owner/Operator Telephone: 909-923-4080
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20121220
Handler Name: US HEALTHWORKS MEDICAL GRP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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20 **HILTI CENTER** **RCRA NonGen / NLR** **1026489665**
North **1950 S GROVE AVE** **CAL000305504**
< 1/8 **ONTARIO, CA 91761**
0.095 mi.
500 ft.

Relative: **Higher**
Actual: **864 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20060412
Handler Name: HILTI CENTER
Handler Address: 1950 S GROVE AVE
Handler City,State,Zip: ONTARIO, CA 91761-5693
EPA ID: CAL000305504
Contact Name: JERRY METCALF
Contact Address: 5400 S 122ND EAST AVE

HILTI CENTER (Continued) **1026489665**

Contact City,State,Zip:		TULSA, OK 74146
Contact Telephone:		918-872-3704
Contact Fax:		Not reported
Contact Email:		JERRY.METCALF@HILTI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		5400 S. 122ND EAST AVE
Mailing City,State,Zip:		TULSA, OK 74146-0000
Owner Name:	HILTI INC	
Owner Type:		Other
Operator Name:	JERRY METCALF	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No

HILTI CENTER (Continued) **1026489665**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200904
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JERRY METCALF	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5400 S 122ND EAST AVE
Owner/Operator City,State,Zip:	TULSA, OK 74146
Owner/Operator Telephone:	918-872-3704
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: HILTI INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5400 S 122ND EAST AVE
Owner/Operator City,State,Zip:	TULSA, OK 74146-6007
Owner/Operator Telephone:	918-872-3704
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060412
Handler Name: HILTI CENTER	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes

HILTI CENTER (Continued) **1026489665**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44413
NAICS Description: HARDWARE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C21 **ARCO 05252** **UST** **U004351896**
SSE **2156 S GROVE AVE** **N/A**
< 1/8 **ONTARIO, CA 91761**
0.097 mi.
511 ft. **Site 2 of 9 in cluster C**

Relative: UST:
Lower
Name: ARCO 05252
Actual: Address: 2156 S GROVE AVE
847 ft. City,State,Zip: ONTARIO, CA 91761
Facility ID: FA0001082
Permitting Agency: San Bernardino County Fire Department
CERSID: 10035625
Latitude: 34.035137
Longitude: -117.628639

C22 **ARCO #5252** **LUST** **S101591366**
SSE **2156 GROVE** **SWEEPS UST** **N/A**
< 1/8 **ONTARIO, CA 91761** **CA FID UST**
0.097 mi. **Cortese**
511 ft. **Site 3 of 9 in cluster C** **HIST CORTESE**

Relative: LUST:
Lower
Name: ARCO #5252
Actual: Address: 2156 GROVE
847 ft. City,State,Zip: ONTARIO, CA 91761
Lead Agency: SAN BERNARDINO COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607100430
Global Id: T0607100430
Latitude: 34.034355
Longitude: -117.628969
Status: Completed - Case Closed
Status Date: 01/13/1998
Case Worker: Not reported
RB Case Number: 083602909T
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 96046
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline

ARCO #5252 (Continued) **S101591366**

Site History: Not reported

LUST:
Global Id: T0607100430
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: valerie.jahn-bull@waterboards.ca.gov
Phone Number: 9517824903

LUST:
Global Id: T0607100430
Action Type: Other
Date: 09/16/1996
Action: Leak Reported

Global Id: T0607100430
Action Type: Other
Date: 02/01/1996
Action: Leak Discovery

LUST:
Global Id: T0607100430
Status: Open - Case Begin Date
Status Date: 02/01/1996

Global Id: T0607100430
Status: Open - Site Assessment
Status Date: 02/01/1996

Global Id: T0607100430
Status: Open - Site Assessment
Status Date: 09/17/1996

Global Id: T0607100430
Status: Completed - Case Closed
Status Date: 01/13/1998

LUST REG 8:
Name: ARCO #5252
Address: 2156 GROVE
City: ONTARIO
Region: 8
County: San Bernardino
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083602909T
Local Case Num: 96046
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: PHILADEPHIA

ARCO #5252 (Continued) **S101591366**

Enf Type:	Not reported
Funding:	Not reported
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	UNK
Global ID:	T0607100430
How Stopped Date:	Not reported
Enter Date:	10/31/1996
Date Confirmation of Leak Began:	2/1/1996
Date Preliminary Assessment Began:	9/17/1996
Discover Date:	2/1/1996
Enforcement Date:	Not reported
Close Date:	1/13/1998
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	10/31/1996
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.034685
Longitude:	-117.6285138
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	VJJ
Staff Initials:	BM7
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

SWEEPS UST:

Name:	ARCO PETROLEUM PRODUCTS #5252
Address:	2156 S GROVE AVE
City:	ONTARIO
Status:	Active
Comp Number:	67558
Number:	9
Board Of Equalization:	44-000506
Referral Date:	07-28-92
Action Date:	07-28-92
Created Date:	02-29-88

ARCO #5252 (Continued) **S101591366**

Owner Tank Id: 1
SWRCB Tank Id: 36-000-067558-000001
Tank Status: A
Capacity: 12000
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 3

Name: ARCO PETROLEUM PRODUCTS #5252
Address: 2156 S GROVE AVE
City: ONTARIO
Status: Active
Comp Number: 67558
Number: 9
Board Of Equalization: 44-000506
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 36-000-067558-000002
Tank Status: A
Capacity: 12000
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: ARCO PETROLEUM PRODUCTS #5252
Address: 2156 S GROVE AVE
City: ONTARIO
Status: Active
Comp Number: 67558
Number: 9
Board Of Equalization: 44-000506
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 36-000-067558-000003
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 36005737
Regulated By: UTNKA
Regulated ID: 00067558
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported

ARCO #5252 (Continued) **S101591366**

Mail To: Not reported
Mailing Address: 17315 STUDEBAKER RD
Mailing Address 2: Not reported
Mailing City,St,Zip: ONTARIO 91761
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:
Name: ARCO #5252
Address: 2156 GROVE
City,State,Zip: ONTARIO, CA 91761
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607100430
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: ARCO #5252
edr_fadd1: 2156
City,State,Zip: ONTARIO, CA 91761
Region: CORTESE
Facility County Code: 36
Reg By: LTNKA
Reg Id: 083602909T

C23
SSE
< 1/8
0.097 mi.
511 ft.

PRESTIGE STATIONS INC 769
2156 SOUTH GROVE AVENUE
ONTARIO, CA 91761

Site 4 of 9 in cluster C

CERS HAZ WASTE
HIST UST
CERS TANKS
San Bern. Co. Permit
CERS

U001570070
N/A

Relative:
Lower

Actual:
847 ft.

CERS HAZ WASTE:

Name:	ARCO 05252
Address:	2156 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Site ID:	92962
CERS ID:	10035625
CERS Description:	Hazardous Waste Generator

HIST UST:

Name:	PRESTIGE STATIONS INC 769
Address:	2156 SOUTH GROVE AVENUE
City,State,Zip:	ONTARIO, CA 91761
File Number:	00029988
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029988.pdf
Region:	STATE
Facility ID:	00000067558
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	7149471642
Owner Name:	ATLANTIC RICHFIELD COMPANY
Owner Address:	515 SOUTH FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90071
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	WASTE
Type of Fuel:	2
Container Construction Thickness:	X
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Click here for Geo Tracker PDF:

CERS TANKS:
Name: ARCO 05252
Address: 2156 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 92962
CERS ID: 10035625
CERS Description: Underground Storage Tank

San Bern. Co. Permit:
Name: ARCO 05252
Address: 2156 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0001082
Owner: Trisha Petro Inc.
Permit Number: PT0011464
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: ARCO 05252
Address: 2156 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0001082
Owner: Trisha Petro Inc.
Permit Number: PT0011465
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: ARCO 05252
Address: 2156 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0001082
Owner: Trisha Petro Inc.
Permit Number: PT0011466
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: ARCO 05252
Address: 2156 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0001082
Owner: Trisha Petro Inc.
Permit Number: PT0002927
Permit Category: HAZMAT HANDLER, UST ONLY - PER YEAR
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: ARCO 05252

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Address: 2156 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0001082
Owner: Trisha Petro Inc.
Permit Number: PT0013614
Permit Category: WASTE INCIDENTAL UST OPERATION ONLY -PER YEAR
Facility Status: ACTIVE
Expiration Date: 05/31/2022

CERS:
Name: ARCO 05252
Address: 2156 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 92962
CERS ID: T0607100430
CERS Description: Leaking Underground Storage Tank Cleanup Site

Violations:
Site ID: 92962
Site Name: ARCO 05252
Violation Date: 02-12-2019
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes: Returned to compliance on 02/12/2019. OBSERVATION: The annual monitoring certification inspection should be conducted once every 12 months. The annual monitoring certification was past due. CORRECTIVE ACTION: The annual monitoring certification was conducted on 02/12/2019. The next annual monitoring certification inspection is due 01/25/2020.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-26-2016
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description: Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes: Returned to compliance on 01/28/2016. OVERFILL PREVENTION EXTERNAL ANNUNCIATOR WAS INOPERABLE WHEN ATTEMPTED TO BE TESTED. PER UST TECHNICIAN, NEW ELECTRICAL LINES WILL NEED TO BE RUN FOR THE EXTERNAL ANNUNCIATOR TO BE MADE OPERABLE. REPAIR INOPERABLE OVERFILL PREVENTION EXTERNAL ANNUNCIATOR IMMEDIATELY AND SCHEDULE A WITNESSED RE-INSPECTION WITH THIS DEPARTMENT. RED TAGS ARE ISSUED AND WILL NOT BE RELEASED UNTIL RE-INSPECTION AND OVERFILL ANNUNCIATOR WITNESSED OPERABLE.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Site Name:	ARCO 05252
Violation Date:	01-14-2021
Citation:	23 CCR 16 2637(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(f)
Violation Description:	Failure to submit a copy of the secondary containment test results on the Secondary Containment Testing report Form to the UPA within 30 days after the test.
Violation Notes:	Returned to compliance on 01/27/2022. OBSERVATION: At the time of document review, the UST Compliance binder did not have a copy of the Secondary Containment report (SB989) that was conducted on 08/17/2020. CORRECTIVE ACTION: Provide a copy of the Secondary Containment report (SB989) within 30 days and place a copy of the report in the UST Compliance Binder.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-14-2021
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 02/05/2021. OBSERVATION: The Certificate of Financial Responsibility and Chief Financial Officer letter on CERS were both dated 01/10/2020 and are no longer current. CORRECTIVE ACTION: Provide the current Certificate of Financial Responsibility and Chief Financial Officer letter on CERS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-14-2021
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	OBSERVATION: At the time of inspection, observed two drums that were full of waste. CORRECTIVE ACTION: Properly dispose of hazardous waste by using an approved hazardous waste hauler. Hazardous waste must be properly removed once every 180 days. Provide a copy of the hazardous waste receipt.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	92962

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Site Name:	ARCO 05252
Violation Date:	01-28-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 06/02/2014. Failure to have a written monitoring program with monitoring procedures and response plan. (CCR 2632(d)) REQUIREMENT: UPDATE AND UPLOAD THE MONITORING PLAN INTO CERS WITHIN 30 DAYS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-27-2017
Citation:	23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 02/24/2017. OBSERVED INCORRECT CUPA (SAN BERNARDINO COUNTY FIRE DEPT.) EMERGENCY CONTACT NUMBER LISTED. THE DAYTIME OFFICE NUMBER (909)386-8401 IS LISTED. COMPLIANCE REQUIREMENT: UPDATE CUPA EMERGENCY NUMBER TO REFLECT (909)386-8425. SUBMIT SIGNED CERTIFICATE OF COMPLIANCE WITHIN 30 DAYS. 2/24/27 CERS UPDATED VIOLATION CORRECTED PSAAVEDRA
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-26-2016
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure of the overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes:	Returned to compliance on 01/28/2016. OVERFILL PREVENTION EXTERNAL ANNUNCIATOR WAS INOPERABLE WHEN ATTEMPTED TO BE TESTED. PER UST TECHNICIAN, NEW ELECTRICAL LINES WILL NEED TO BE RUN FOR THE EXTERNAL ANNUNCIATOR TO BE MADE OPERABLE. REPAIR INOPERABLE OVERFILL PREVENTION EXTERNAL ANNUNCIATOR IMMEDIATELY AND SCHEDULE A WITNESSED RE-INSPECTION WITH THIS DEPARTMENT. RED TAGS ARE ISSUED AND WILL NOT BE RELEASED UNTIL RE-INSPECTION AND OVERFILL ANNUNCIATOR WITNESSED OPERABLE.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-28-2014
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to prepare, maintain, and submit accurate CUPA UST Operating Permit Application for Facility information and/or Tank information.
Violation Notes: Returned to compliance on 02/06/2014. ALL UST AND BUSINESS PLAN RECORDS PERTAINING TO THIS FACILITY MUST BE UPDATED TO ACCURATELY REFLECT THE CURRENT OWNER/OPERATOR. EXISTING RECORDS (BOTH IN HARDCOPY FORMAT AND IN CERS) ALL INDICATE BP AS THE FACILITY OWNER. IN ADDITION, A NEW EPA ID NUMBER MUST BE ACQUIRED IF THE CURRENT NUMBER WAS A BP ISSUED NUMBER. ALL DOCUMENTATION SHOULD HAVE BEEN UPDATED NO LATER THAN 30 DAYS FOLLOWING THE TRANSFER OF OWNERSHIP. REQUIREMENT: WITHIN 30 DAYS, UPDATE ALL APPLICABLE DOCUMENTATION WITHIN THE CERS PROGRAM. ONCE COMPLETE, PROVIDE AN EMAIL NOTIFICATION TO JKOOYMAN@SBCFIRE.ORG. THE FOLLOWING DOCUMENTATION MUST BE UPDATED. 1.) UST MONITORING AND RESPONSE PLANS 2.) UST APPLICATION PACKAGE 3.) CERTIFICATE OF FINANCIAL RESPONSIBILITY 4.) BUSINESS PLAN 5.) DESIGNATED OPERATOR STATEMENT
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 07-08-2014
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description: Failure to comply with one or more of the following: conduct secondary containment testing, within six months of installation and every 36 months thereafter, conducted in accordance with proper practices, protocols, or test methods.
Violation Notes: Returned to compliance on 07/08/2014. PREVIOUS SECONDARY CONTAINMENT (SB989) TEST WAS COMPLETED ON 5/2/11 AND WAS OVER TWO MONTHS PAST DUE. THE SB989 TEST BEING COMPLETED TODAY WILL SATISFY THE RETURN TO COMPLIANCE FOR THIS VIOLATION.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-25-2018
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 01/25/2018. VR323 failed in 87 main STP. Sensor replaced and retested same day.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Site Name: ARCO 05252
Violation Date: 01-28-2014
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 06/02/2014. NO CURRENT CERTIFICATE OF FINANCIAL RESPONSIBILITY WAS OBSERVED/AVAILABLE REQUIREMENT: WITHIN 30 DAYS, UPLOAD A CURRENT CFR INTO CERS.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-14-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 02/05/2021. OBSERVATION: At the time of document review, observed that the number for the Unified Local UPA was incorrect on the Emergency Response and Contingency form on CERS. CORRECTIVE ACTION: Provide the correct number for the Unified Local UPA as either (800) 33-TOXIC or (909) 386-8425 on the Emergency Response and Contingency form on CERS.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-14-2021
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 01/27/2022. OBSERVATION: At the time of inspection, observed that the green power light was not working on the Veeder Root Monitoring Panel. CORRECTIVE ACTION: Repair non-working green power light on the Veeder Root Monitoring Panel.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 02-12-2019
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Violation Notes:	Returned to compliance on 02/12/2019. OBSERVATION: T-1 (87 Regular unleaded) did not pass the line leak detector test. CORRECTIVE ACTION: The siphon jet valve was replaced and line leak detector was re-tested during the inspection and passed. Violation abated.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-27-2022
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	OBSERVATION: At the time of inspection, observed two drums that were full of waste. CORRECTIVE ACTION: Properly dispose of hazardous waste by using an approved hazardous waste hauler. Hazardous waste must be properly removed once every 180 days. Provide a copy of the hazardous waste receipt. Repeat violation.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-27-2017
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 01/25/2018. 1/25/18 - previous alarms reviewed and violation cleared based on todays inspection REPAIR WORK ORDER FOR SENSOR ALARM REFLECTED SENSOR BEING X-ED OUT OF PROGRAMMING FOR A DAY BEFORE REPROGRAMMING. OBSERVED SUDDEN LOSS ALARM AT T-1 FOR LAST 6 MONTHS AND NO WORK ORDER FOR REPAIR OF ALARM. COMPLIANCE REQUIREMENT: ALL LIQUID DETECTION SENSORS MUST BE FUNCTIONING AT ALL TIMES. CONTRACTOR MAY NOT X OUT SENSOR DUE TO ALARM. ANY FUTURE TAMPERING WITH MONITORING PANEL WILL RESULT IN IMMEDIATE FURTHER ACTION AND REQUIREMENT FOR MAINTENANCE TRACKER FOR MONITORING PANEL. SUBMIT STATEMENT INDICATING SENSORS WILL NOT BE REMOVED FROM MONITORING PANEL PROGRAMMING. SUBMIT WORK ORDER DETAILING CAUSE AND CORRECTIVE ACTION FOR T1 SUDDEN LOSS ALARM WITHIN 30 DAYS. 2/24/17 EMAIL SUBMITTED FROM DO STATING TECHNICIAN IS INVESTINGATING CAUSE OF ALARM. SENT EMAIL REQUESTING COPY OF WORK ORDER FOR THIS INVESTIGATION AND CORRECTIVE ACTION. PSAAVEDRA
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-14-2021
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 01/27/2022. OBSERVATION: At the time of inspection, manifest records were not available for review. CORRECTIVE ACTION: Maintain manifest records for a minimum of three years.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-28-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 06/02/2014. Failure to submit change of ownership within 30 days from the date of the transfer of the UST (CHSC 25284(c)) BP SOLD/TRANSFERED OWNERSHIP OF THE FACILITY LOCATED AT 2156 S GROVE AVE, ONTARIO TO THE CURRENT OPERATOR IN JUNE OF 2013. NO NOTIFICATION WAS PROVIDED TO THIS DEPARTMENT OF THE CHANGE. REQUIREMENT: FOLLOW THE COMPLIANCE REQUIREMENTS LISTED UNDER VIOLATION #303.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-28-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 06/02/2014. Failure to submit a signed Designated UST Operator Statement (23 CCR 2715(a)) REQUIREMENT: UPLOAD THE CURRENT DESIGNATED OPERATOR STATEMENT TO CERS
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-14-2021
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Violation Notes:	Returned to compliance on 01/27/2022. OBSERVATION: At the time of inspection, observed two drums in the trash enclosure area that did not have hazardous waste labels. CORRECTIVE ACTION: Provide hazardous waste labels on the hazardous waste containers.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-25-2018
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 01/26/2018. Failure to obtain an EPA ID Number (CCR 66262.12(a)) -HWTS EPA ID number: Incorrect in CERS -Correct number is CAL000382842. Corrected in CERS by 1/26/18 submittal.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-28-2014
Citation:	HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description:	Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	Returned to compliance on 02/06/2014.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-30-2020
Citation:	23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description:	Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes:	Returned to compliance on 01/30/2020. OBSERVATION: The last documented employee training was on 10/22/2018. CORRECTIVE ACTION: Per documentation on the Designated Operator January Monthly Report, the employee training is scheduled for 02/13/2020.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-27-2022
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: OBSERVATION: All UST s have external Audible/Visual (A/V) alarms only. When an overfill alarm is activated for one UST, additional overfill alarms for other tanks will not activate if the alarm for the first tank has not yet cleared. This effectively eliminates overfill protection for all but one tank if multiple tanks are filled at the same time. CORRECTIVE ACTION: UST systems that can only activate external alarms when the first UST overfill condition occurs, additional actions must be taken to ensure that each UST has a functional overfill prevention independent of the other UST s at the facility (i.e., installing a separate alarm unit or other appropriate overfill equipment for each tank). Currently, additional overfill alarms for other tanks will not activate if the alarm of the first tank has not yet cleared. Submit plans and apply for a permit to correct overfill prevention equipment deficiencies to this department within 30 days. (Health and Safety Code, [Truncated]

Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-04-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ANNUAL MONT CERT.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: No
Eval Type: Routine done by local agency

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Eval Notes:	HAZARDOUS MATERIALS HANDLER INSPECTION - UST ONLY
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	ANNUAL UST INSPECTION UNWITNESSED AND CERS REVIEW
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2022
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	CONDUCTED A FULL CUPA INSPECTION.
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2022
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On-site to conduct an Annual Underground Storage Tank (UST) and full CUPA inspection.
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-28-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Red Tag Removal at Arco 83529 - verified overill alarm functional
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-12-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	UST FIELD INSPECTION-ANNUAL MONITORING SYSTEM CERTIFICATION (3 TANKS) W/DANIEL MARROQUIN
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-12-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	UST HANDLER INSPECTION

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	HAZMAT HANDLER UST ONLY INSPECTION
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	WASTE INCIDENTAL TO UST ONLY INSPECTION
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-28-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	UST FIELD INSPECTION-ANNUAL MONITORING SYSTEM CERTIFICATION (3 TANKS) W/GREGORIO VASQUEZ NOTE: SITE UTILIZES 323 SENSORS AND CONTRACTOR COULD NOT GET ALTERNATING TURBINE TO POWER ON, ADDITIONAL INSPECTION TIME NECESSARY.
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-30-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On-site to conduct an Annual Underground Storage Tank (UST) inspection. Inspection was conducted during the annual monitoring certification testing.
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-12-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On-site to conduct an Annual Underground Storage Tank (UST) inspection. Inspection was conducted during the annual monitoring certification testing.
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Eval Date:	08-08-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Routine inspection
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-25-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	waste inspection. CERS review
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-26-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	UST ANNUAL INSPECTION WITH MONITORING SYSTEM CERTIFICATION.
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2022
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	CONDUCTED A FULL CUPA INSPECTION.
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-28-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	UST HANDLER INSPECTION
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-12-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Witnessed the OPE inspection.
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-08-2013
Violations Found:	No
Eval Type:	Routine done by local agency

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Eval Notes:	Routine inspection
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-04-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	BP INSPECTION DURING MONITORING CERT.
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-14-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-14-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-14-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On-site to conduct an Annual Underground Storage Tank (UST) and full CUPA inspection.
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-25-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	inventory reflected in cers
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-25-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Arco 05252 UST inspection and CERS support
Eval Division:	San Bernardino County Fire Department

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-08-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: SECONDARY CONTAINMENT TEST INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 92962
Site Name: ARCO 05252
Site Address: 2156 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 01-26-2016
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Red Tag Enforcement activity was due to facility failing to provide operable underground storage tank (UST) overfill prevention system.
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Site Address: 2156 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 01-26-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Site Address: 2156 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 01-26-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Red Tag Enforcement activity was due to facility failing to provide operable underground storage tank (UST) overfill prevention system.
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Site Address: 2156 S GROVE AVE

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	01-26-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Red Tag Enforcement activity was due to facility failing to provide operable underground storage tank (UST) overfill prevention system. Basis: -Causing/threatens to cause a release -Impairs the ability of UST system to detect or contain a release .
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	UST
Enf Action Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Site Address:	2156 S GROVE AVE
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	01-27-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	UST
Enf Action Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Site Address:	2156 S GROVE AVE
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	01-28-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	ALL UST AND BUSINESS PLAN RECORDS PERTAINING TO THIS FACILITY MUST BE UPDATED TO ACCURATELY REFLECT THE CURRENT OWNER/OPERATOR. EXISTING RECORDS (BOTH IN HARDCOPY FORMAT AND IN CERS) ALL INDICATE BP AS THE FACILITY OWNER. IN ADDITION, A NEW EPA ID NUMBER MUST BE ACQUIRED IF THE CURRENT NUMBER WAS A BP ISSUED NUMBER. ALL DOCUMENTATION SHOULD HAVE BEEN UPDATED NO LATER THAN 30 DAYS FOLLOWING THE TRANSFER OF OWNERSHIP. .
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	UST
Enf Action Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Site Address:	2156 S GROVE AVE
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	01-28-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Failure to submit change of ownership within 30 days from the date of the transfer of the UST (CHSC 25284(c)) BP SOLD/TRANSFERED OWNERSHIP OF THE FACILITY LOCATED AT 2156 S GROVE AVE, ONTARIO TO THE CURRENT OPERATOR IN JUNE OF 2013. NO NOTIFICATION WAS PROVIDED TO THIS

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

DEPARTMENT OF THE CHANGE. Owner/Operator shall submit a signed Designated UST Operator Statement that is current within 30 days of any change in the Designated UST Operator. NO CURRENT CERTIFICATE OF FINANCIAL RESPONSIBILITY WAS OBSERVED/AVAILABLE REQUIREMENT: WITHIN 30 DAYS, UPLOAD A CURRENT CFR INTO CERS. Owner/Operator of a new UST system or a UST system constructed to meet new UST monitoring and design requirements shall have a written UST monitoring program including monitoring procedures and response plan.

Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Site Address: 2156 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 07-08-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS,

Coordinates:
Site ID: 92962
Facility Name: ARCO 05252
Env Int Type Code: LUSTCS
Program ID: T0607100430
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 34.034355
Longitude: -117.628969

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2156 S. Grove
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Trisha Petro Inc.
Entity Title: Not reported
Affiliation Address: 2156 S. Grove Ave.
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91761
Affiliation Phone: (909) 947-1642,

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Affiliation Type Desc:	Property Owner
Entity Name:	Trisha petro Inc.
Entity Title:	Not reported
Affiliation Address:	2156 S. Grove Ave
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91760
Affiliation Phone:	(909) 947-1642,

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Ramila Patel
Entity Title:	President/Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 947-1642,

Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,

Affiliation Type Desc:	Environmental Contact
Entity Name:	RAMILA PATEL
Entity Title:	Not reported
Affiliation Address:	2156 S. Grove Ave.
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91761
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Ramila Patel
Entity Title:	Owner/Operator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	TRISHA PETRO INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Affiliation Zip:	Not reported
Affiliation Phone:	(909) 947-1642,
Affiliation Type Desc:	Parent Corporation
Entity Name:	ARCO #5252
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Trisha petro Inc.
Entity Title:	Not reported
Affiliation Address:	2156 S. Grove Ave.
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(909) 947-1642,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	VALERIE JAHN-BULL - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517824903,
Affiliation Type Desc:	Document Preparer
Entity Name:	Patrick Kanchy
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	RAMILA PATEL
Entity Title:	Not reported
Affiliation Address:	2156 S GROVE AVE
Affiliation City:	ONTARIO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(909) 947-1642,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Trisha Petro Inc.
Entity Title:	Not reported
Affiliation Address:	2156 S GROVE AVE

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Affiliation City: ONTARIO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91761
Affiliation Phone: (909) 947-1642,

Name: ARCO 05252
Address: 2156 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 92962
CERS ID: 10035625
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 02-12-2019
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes: Returned to compliance on 02/12/2019. OBSERVATION: The annual monitoring certification inspection should be conducted once every 12 months. The annual monitoring certification was past due. CORRECTIVE ACTION: The annual monitoring certification was conducted on 02/12/2019. The next annual monitoring certification inspection is due 01/25/2020.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-26-2016
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description: Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes: Returned to compliance on 01/28/2016. OVERFILL PREVENTION EXTERNAL ANNUNCIATOR WAS INOPERABLE WHEN ATTEMPTED TO BE TESTED. PER UST TECHNICIAN, NEW ELECTRICAL LINES WILL NEED TO BE RUN FOR THE EXTERNAL ANNUNCIATOR TO BE MADE OPERABLE. REPAIR INOPERABLE OVERFILL PREVENTION EXTERNAL ANNUNCIATOR IMMEDIATELY AND SCHEDULE A WITNESSED RE-INSPECTION WITH THIS DEPARTMENT. RED TAGS ARE ISSUED AND WILL NOT BE RELEASED UNTIL RE-INSPECTION AND OVERFILL ANNUNCIATOR WITNESSED OPERABLE.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-14-2021
Citation: 23 CCR 16 2637(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(f)
Violation Description: Failure to submit a copy of the secondary containment test results on

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

	the Secondary Containment Testing report Form to the UPA within 30 days after the test.
Violation Notes:	Returned to compliance on 01/27/2022. OBSERVATION: At the time of document review, the UST Compliance binder did not have a copy of the Secondary Containment report (SB989) that was conducted on 08/17/2020. CORRECTIVE ACTION: Provide a copy of the Secondary Containment report (SB989) within 30 days and place a copy of the report in the UST Compliance Binder.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-14-2021
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 02/05/2021. OBSERVATION: The Certificate of Financial Responsibility and Chief Financial Officer letter on CERS were both dated 01/10/2020 and are no longer current. CORRECTIVE ACTION: Provide the current Certificate of Financial Responsibility and Chief Financial Officer letter on CERS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-14-2021
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	OBSERVATION: At the time of inspection, observed two drums that were full of waste. CORRECTIVE ACTION: Properly dispose of hazardous waste by using an approved hazardous waste hauler. Hazardous waste must be properly removed once every 180 days. Provide a copy of the hazardous waste receipt.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-28-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Administration/Documentation - General

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Violation Notes: Returned to compliance on 06/02/2014. Failure to have a written monitoring program with monitoring procedures and response plan. (CCR 2632(d)) REQUIREMENT: UPDATE AND UPLOAD THE MONITORING PLAN INTO CERS WITHIN 30 DAYS.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-27-2017
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 02/24/2017. OBSERVED INCORRECT CUPA (SAN BERNARDINO COUNTY FIRE DEPT.) EMERGENCY CONTACT NUMBER LISTED. THE DAYTIME OFFICE NUMBER (909)386-8401 IS LISTED. COMPLIANCE REQUIREMENT: UPDATE CUPA EMERGENCY NUMBER TO REFLECT (909)386-8425. SUBMIT SIGNED CERTIFICATE OF COMPLIANCE WITHIN 30 DAYS. 2/24/27 CERS UPDATED VIOLATION CORRECTED PSAAVEDRA
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-26-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes: Returned to compliance on 01/28/2016. OVERFILL PREVENTION EXTERNAL ANNUNCIATOR WAS INOPERABLE WHEN ATTEMPTED TO BE TESTED. PER UST TECHNICIAN, NEW ELECTRICAL LINES WILL NEED TO BE RUN FOR THE EXTERNAL ANNUNCIATOR TO BE MADE OPERABLE. REPAIR INOPERABLE OVERFILL PREVENTION EXTERNAL ANNUNCIATOR IMMEDIATELY AND SCHEDULE A WITNESSED RE-INSPECTION WITH THIS DEPARTMENT. RED TAGS ARE ISSUED AND WILL NOT BE RELEASED UNTIL RE-INSPECTION AND OVERFILL ANNUNCIATOR WITNESSED OPERABLE.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-28-2014

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Citation:	HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description:	Failure to prepare, maintain, and submit accurate CUPA UST Operating Permit Application for Facility information and/or Tank information.
Violation Notes:	Returned to compliance on 02/06/2014. ALL UST AND BUSINESS PLAN RECORDS PERTAINING TO THIS FACILITY MUST BE UPDATED TO ACCURATELY REFLECT THE CURRENT OWNER/OPERATOR. EXISTING RECORDS (BOTH IN HARDCOPY FORMAT AND IN CERS) ALL INDICATE BP AS THE FACILITY OWNER. IN ADDITION, A NEW EPA ID NUMBER MUST BE ACQUIRED IF THE CURRENT NUMBER WAS A BP ISSUED NUMBER. ALL DOCUMENTATION SHOULD HAVE BEEN UPDATED NO LATER THAN 30 DAYS FOLLOWING THE TRANSFER OF OWNERSHIP. REQUIREMENT: WITHIN 30 DAYS, UPDATE ALL APPLICABLE DOCUMENTATION WITHIN THE CERS PROGRAM. ONCE COMPLETE, PROVIDE AN EMAIL NOTIFICATION TO JKOOYMAN@SBCFIRE.ORG. THE FOLLOWING DOCUMENTATION MUST BE UPDATED. 1.) UST MONITORING AND RESPONSE PLANS 2.) UST APPLICATION PACKAGE 3.) CERTIFICATE OF FINANCIAL RESPONSIBILITY 4.) BUSINESS PLAN 5.) DESIGNATED OPERATOR STATEMENT
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	07-08-2014
Citation:	23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description:	Failure to comply with one or more of the following: conduct secondary containment testing, within six months of installation and every 36 months thereafter, conducted in accordance with proper practices, protocols, or test methods.
Violation Notes:	Returned to compliance on 07/08/2014. PREVIOUS SECONDARY CONTAINMENT (SB989) TEST WAS COMPLETED ON 5/2/11 AND WAS OVER TWO MONTHS PAST DUE. THE SB989 TEST BEING COMPLETED TODAY WILL SATISFY THE RETURN TO COMPLIANCE FOR THIS VIOLATION.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-25-2018
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 01/25/2018. VR323 failed in 87 main STP. Sensor replaced and retested same day.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-28-2014
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 06/02/2014. NO CURRENT CERTIFICATE OF FINANCIAL RESPONSIBILITY WAS OBSERVED/AVAILABLE REQUIREMENT: WITHIN 30 DAYS, UPLOAD A CURRENT CFR INTO CERS.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-14-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 02/05/2021. OBSERVATION: At the time of document review, observed that the number for the Unified Local UPA was incorrect on the Emergency Response and Contingency form on CERS. CORRECTIVE ACTION: Provide the correct number for the Unified Local UPA as either (800) 33-TOXIC or (909) 386-8425 on the Emergency Response and Contingency form on CERS.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-14-2021
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 01/27/2022. OBSERVATION: At the time of inspection, observed that the green power light was not working on the Veeder Root Monitoring Panel. CORRECTIVE ACTION: Repair non-working green power light on the Veeder Root Monitoring Panel.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 02-12-2019
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 02/12/2019. OBSERVATION: T-1 (87 Regular unleaded) did not pass the line leak detector test. CORRECTIVE ACTION: The siphon jet valve was replaced and line leak detector was re-tested during the inspection and passed. Violation abated.
Violation Division: San Bernardino County Fire Department

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-27-2022
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: OBSERVATION: At the time of inspection, observed two drums that were full of waste. CORRECTIVE ACTION: Properly dispose of hazardous waste by using an approved hazardous waste hauler. Hazardous waste must be properly removed once every 180 days. Provide a copy of the hazardous waste receipt. Repeat violation.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-27-2017
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 01/25/2018. 1/25/18 - previous alarms reviewed and violation cleared based on todays inspection REPAIR WORK ORDER FOR SENSOR ALARM REFLECTED SENSOR BEING X-ED OUT OF PROGRAMMING FOR A DAY BEFORE REPROGRAMMING. OBSERVED SUDDEN LOSS ALARM AT T-1 FOR LAST 6 MONTHS AND NO WORK ORDER FOR REPAIR OF ALARM. COMPLIANCE REQUIREMENT: ALL LIQUID DETECTION SENSORS MUST BE FUNCTIONING AT ALL TIMES. CONTRACTOR MAY NOT X OUT SENSOR DUE TO ALARM. ANY FUTURE TAMPERING WITH MONITORING PANEL WILL RESULT IN IMMEDIATE FURTHER ACTION AND REQUIREMENT FOR MAINTENANCE TRACKER FOR MONITORING PANEL. SUBMIT STATEMENT INDICATING SENSORS WILL NOT BE REMOVED FROM MONITORING PANEL PROGRAMMING. SUBMIT WORK ORDER DETAILING CAUSE AND CORRECTIVE ACTION FOR T1 SUDDEN LOSS ALARM WITHIN 30 DAYS. 2/24/17 EMAIL SUBMITTED FROM DO STATING TECHNICIAN IS INVESTINGATING CAUSE OF ALARM. SENT EMAIL REQUESTING COPY OF WORK ORDER FOR THIS INVESTIGATION AND CORRECTIVE ACTION. PSAAVEDRA
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-14-2021
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 01/27/2022. OBSERVATION: At the time of inspection, manifest records were not available for review. CORRECTIVE ACTION: Maintain manifest records for a minimum of three years.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-28-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 06/02/2014. Failure to submit change of ownership within 30 days from the date of the transfer of the UST (CHSC 25284(c)) BP SOLD/TRANSFERED OWNERSHIP OF THE FACILITY LOCATED AT 2156 S GROVE AVE, ONTARIO TO THE CURRENT OPERATOR IN JUNE OF 2013. NO NOTIFICATION WAS PROVIDED TO THIS DEPARTMENT OF THE CHANGE. REQUIREMENT: FOLLOW THE COMPLIANCE REQUIREMENTS LISTED UNDER VIOLATION #303.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-28-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 06/02/2014. Failure to submit a signed Designated UST Operator Statement (23 CCR 2715(a)) REQUIREMENT: UPLOAD THE CURRENT DESIGNATED OPERATOR STATEMENT TO CERS
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Violation Date:	01-14-2021
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/27/2022. OBSERVATION: At the time of inspection, observed two drums in the trash enclosure area that did not have hazardous waste labels. CORRECTIVE ACTION: Provide hazardous waste labels on the hazardous waste containers.
Violation Division:	San Bernardino County Fire Department

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Violation Program: HW
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-25-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/26/2018. Failure to obtain an EPA ID Number (CCR 66262.12(a)) -HWTS EPA ID number: Incorrect in CERS -Correct number is CAL000382842. Corrected in CERS by 1/26/18 submittal.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-28-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 02/06/2014.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-30-2020
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description: Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes: Returned to compliance on 01/30/2020. OBSERVATION: The last documented employee training was on 10/22/2018. CORRECTIVE ACTION: Per documentation on the Designated Operator January Monthly Report, the employee training is scheduled for 02/13/2020.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Violation Date: 01-27-2022
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: OBSERVATION: All UST s have external Audible/Visual (A/V) alarms only. When an overfill alarm is activated for one UST, additional overfill alarms for other tanks will not activate if the alarm for the first tank has not yet cleared. This effectively eliminates overfill protection for all but one tank if multiple tanks are filled at the same time. CORRECTIVE ACTION: UST systems that can only activate external alarms when the first UST overfill condition occurs, additional actions must be taken to ensure that each UST has a functional overfill prevention independent of the other UST s at the facility (i.e., installing a separate alarm unit or other appropriate overfill equipment for each tank). Currently, additional overfill alarms for other tanks will not activate if the alarm of the first tank has not yet cleared. Submit plans and apply for a permit to correct overfill prevention equipment deficiencies to this department within 30 days. (Health and Safety Code, [Truncated]
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-04-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ANNUAL MONT CERT.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS MATERIALS HANDLER INSPECTION - UST ONLY
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ANNUAL UST INSPECTION UNWITNESSED AND CERS REVIEW
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CONDUCTED A FULL CUPA INSPECTION.
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct an Annual Underground Storage Tank (UST) and full CUPA inspection.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-28-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Red Tag Removal at Arco 83529 - verified overill alarm functional
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST FIELD INSPECTION-ANNUAL MONITORING SYSTEM CERTIFICATION (3 TANKS) W/DANIEL MARROQUIN
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST HANDLER INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Eval Date:	01-27-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	HAZMAT HANDLER UST ONLY INSPECTION
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	WASTE INCIDENTAL TO UST ONLY INSPECTION
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-28-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	UST FIELD INSPECTION-ANNUAL MONITORING SYSTEM CERTIFICATION (3 TANKS) W/GREGORIO VASQUEZ NOTE: SITE UTILIZES 323 SENSORS AND CONTRACTOR COULD NOT GET ALTERNATING TURBINE TO POWER ON, ADDITIONAL INSPECTION TIME NECESSARY.
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-30-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On-site to conduct an Annual Underground Storage Tank (UST) inspection. Inspection was conducted during the annual monitoring certification testing.
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-12-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On-site to conduct an Annual Underground Storage Tank (UST) inspection. Inspection was conducted during the annual monitoring certification testing.
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-08-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Routine inspection
Eval Division:	San Bernardino County Fire Department

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: waste inspection. CERS review
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: UST ANNUAL INSPECTION WITH MONITORING SYSTEM CERTIFICATION.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CONDUCTED A FULL CUPA INSPECTION.
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: UST HANDLER INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-12-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Witnessed the OPE inspection.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-08-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Routine inspection
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: BP INSPECTION DURING MONITORING CERT.
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On-site to conduct an Annual Underground Storage Tank (UST) and full CUPA inspection.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: inventory reflected in cers
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Arco 05252 UST inspection and CERS support
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-08-2014

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: SECONDARY CONTAINMENT TEST INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 92962
Site Name: ARCO 05252
Site Address: 2156 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 01-26-2016
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Red Tag Enforcement activity was due to facility failing to provide operable underground storage tank (UST) overfill prevention system.
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Site Address: 2156 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 01-26-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Site Address: 2156 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 01-26-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Red Tag Enforcement activity was due to facility failing to provide operable underground storage tank (UST) overfill prevention system.
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Site Address: 2156 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 01-26-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Enf Action Notes:	Red Tag Enforcement activity was due to facility failing to provide operable underground storage tank (UST) overfill prevention system. Basis: -Causing/threatens to cause a release -Impairs the ability of UST system to detect or contain a release .
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	UST
Enf Action Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Site Address:	2156 S GROVE AVE
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	01-27-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	UST
Enf Action Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Site Address:	2156 S GROVE AVE
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	01-28-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	ALL UST AND BUSINESS PLAN RECORDS PERTAINING TO THIS FACILITY MUST BE UPDATED TO ACCURATELY REFLECT THE CURRENT OWNER/OPERATOR. EXISTING RECORDS (BOTH IN HARDCOPY FORMAT AND IN CERS) ALL INDICATE BP AS THE FACILITY OWNER. IN ADDITION, A NEW EPA ID NUMBER MUST BE ACQUIRED IF THE CURRENT NUMBER WAS A BP ISSUED NUMBER. ALL DOCUMENTATION SHOULD HAVE BEEN UPDATED NO LATER THAN 30 DAYS FOLLOWING THE TRANSFER OF OWNERSHIP. .
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	UST
Enf Action Source:	CERS,
Site ID:	92962
Site Name:	ARCO 05252
Site Address:	2156 S GROVE AVE
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	01-28-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Failure to submit change of ownership within 30 days from the date of the transfer of the UST (CHSC 25284(c)) BP SOLD/TRANSFERED OWNERSHIP OF THE FACILITY LOCATED AT 2156 S GROVE AVE, ONTARIO TO THE CURRENT OPERATOR IN JUNE OF 2013. NO NOTIFICATION WAS PROVIDED TO THIS DEPARTMENT OF THE CHANGE. Owner/Operator shall submit a signed Designated UST Operator Statement that is current within 30 days of any change in the Designated UST Operator. NO CURRENT CERTIFICATE OF FINANCIAL RESPONSIBILITY WAS OBSERVED/AVAILABLE REQUIREMENT: WITHIN 30 DAYS, UPLOAD A CURRENT CFR INTO CERS. Owner/Operator of a new UST

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

system or a UST system constructed to meet new UST monitoring and design requirements shall have a written UST monitoring program including monitoring procedures and response plan.

Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 92962
Site Name: ARCO 05252
Site Address: 2156 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 07-08-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS,

Coordinates:
Site ID: 92962
Facility Name: ARCO 05252
Env Int Type Code: LUSTCS
Program ID: T0607100430
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 34.034355
Longitude: -117.628969

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2156 S. Grove
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Trisha Petro Inc.
Entity Title: Not reported
Affiliation Address: 2156 S. Grove Ave.
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91761
Affiliation Phone: (909) 947-1642,

Affiliation Type Desc: Property Owner
Entity Name: Trisha petro Inc.
Entity Title: Not reported
Affiliation Address: 2156 S. Grove Ave
Affiliation City: Ontario

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91760
Affiliation Phone:	(909) 947-1642,
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Ramila Patel
Entity Title:	President/Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 947-1642,
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,
Affiliation Type Desc:	Environmental Contact
Entity Name:	RAMILA PATEL
Entity Title:	Not reported
Affiliation Address:	2156 S. Grove Ave.
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91761
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Ramila Patel
Entity Title:	Owner/Operator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	TRISHA PETRO INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 947-1642,
Affiliation Type Desc:	Parent Corporation
Entity Name:	ARCO #5252

PRESTIGE STATIONS INC 769 (Continued) **U001570070**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Trisha petro Inc.
Entity Title:	Not reported
Affiliation Address:	2156 S. Grove Ave.
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(909) 947-1642,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	VALERIE JAHN-BULL - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517824903,
Affiliation Type Desc:	Document Preparer
Entity Name:	Patrick Kanchy
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	RAMILA PATEL
Entity Title:	Not reported
Affiliation Address:	2156 S GROVE AVE
Affiliation City:	ONTARIO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(909) 947-1642,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Trisha Petro Inc.
Entity Title:	Not reported
Affiliation Address:	2156 S GROVE AVE
Affiliation City:	ONTARIO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(909) 947-1642,

C24 **SWAIN OIL TRANSPORT DBA: VISTA ENERGY TRANSPORT** **RCRA NonGen / NLR** **1024770401**
SSE **2156 S GROVE AVE** **CAC002990306**
< 1/8 **ONTARIO, CA 91761**
0.097 mi.
511 ft. **Site 5 of 9 in cluster C**

Relative: **Lower**

Actual: **847 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20181122
Handler Name:	SWAIN OIL TRANSPORT DBA: VISTA ENERGY TRANSPORT	
Handler Address:		2156 S GROVE AVE
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAC002990306
Contact Name:		TODD MILLS
Contact Address:		10981 SAN DIEGO MISSION RD SUITE105
Contact City,State,Zip:		SAN DIEGO, CA 92108
Contact Telephone:		619-250-1490
Contact Fax:		Not reported
Contact Email:		TODD@VISTAENERGYTRANS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		10981 SAN DIEGO MISSION RD SUITE105
Mailing City,State,Zip:		SAN DIEGO, CA 92108
Owner Name:	TODD MILLS	
Owner Type:		Other
Operator Name:	TODD MILLS	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

SWAIN OIL TRANSPORT DBA: VISTA ENERGY TRANSPORT (Continued) **1024770401**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181220
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: TODD MILLS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10981 SAN DIEGO MISSION RD SUITE105
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92108
Owner/Operator Telephone:	619-250-1490
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: TODD MILLS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10981 SAN DIEGO MISSION RD SUITE105
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92108
Owner/Operator Telephone:	619-250-1490
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SWAIN OIL TRANSPORT DBA: VISTA ENERGY TRANSPORT (Continued) **1024770401**

Historic Generators:
- Receive Date: 20181122
- Handler Name: SWAIN OIL TRANSPORT DBA: VISTA ENERGY TRANSPORT
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

C25 **TRISHA PETRO INC** **RCRA NonGen / NLR** **1024837441**
SSE **2156 S GROVE AVE** **CAL000382842**
< 1/8 **ONTARIO, CA 91761**
0.097 mi.
511 ft. **Site 6 of 9 in cluster C**

Relative: **Lower**

Actual: **847 ft.**

RCRA NonGen / NLR:
- Date Form Received by Agency: 20130226
- Handler Name: TRISHA PETRO INC
- Handler Address: 2156 S GROVE AVE
- Handler City,State,Zip: ONTARIO, CA 91761
- EPA ID: CAL000382842
- Contact Name: RAMILA PATEL
- Contact Address: 2156 S GROVE AVE
- Contact City,State,Zip: ONTARIO, CA 91761
- Contact Telephone: 951-818-7531
- Contact Fax: 909-947-0862
- Contact Email: ARCO05252@GMAIL.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 2156 S GROVE AVE
- Mailing City,State,Zip: ONTARIO, CA 91761-0000
- Owner Name: TRISHA PETRO INC

TRISHA PETRO INC (Continued) **1024837441**

Owner Type:		Other
Operator Name:	RAMILA PATEL	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20180906
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

TRISHA PETRO INC (Continued) **1024837441**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: TRISHA PETRO INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2156 S GROVE AVE
Owner/Operator City,State,Zip: ONTARIO, CA 91761-0000
Owner/Operator Telephone: 951-818-7531
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RAMILA PATEL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2156 S GROVE AVE
Owner/Operator City,State,Zip: ONTARIO, CA 91761
Owner/Operator Telephone: 951-818-7531
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20130226
Handler Name: TRISHA PETRO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C26 **ABUSHAM PETRO LLC** **EDR Hist Auto** **1022115548**
SSE **2156 S GROVE AVE** **N/A**
< 1/8 **ONTARIO, CA 91761**
0.097 mi.
511 ft. **Site 7 of 9 in cluster C**

Relative: EDR Hist Auto
Lower

Actual:
847 ft.

Year:	Name:	Type:
2008	ABUSHAM PETRO LLC	Gasoline Service Stations, NEC
2009	ABUSHAM PETRO LLC	Gasoline Service Stations, NEC
2010	ABUSHAM PETRO LLC	Gasoline Service Stations, NEC
2011	ABUSHAM PETRO LLC	Gasoline Service Stations, NEC
2012	ABUSHAM PETRO LLC	Gasoline Service Stations, NEC
2013	ABUSHAM PETRO LLC	Gasoline Service Stations, NEC
2014	ABUSHAM PETRO LLC	Gasoline Service Stations, NEC

C27 **ARCO PETROLEUM PROD #5252** **UST** **U004350468**
SSE **2156 S GROVE AVE** **N/A**
< 1/8 **ONTARIO, CA 91761**
0.097 mi.
511 ft. **Site 8 of 9 in cluster C**

Relative: UST:
Lower

Actual:
847 ft.

Name:	ARCO PETROLEUM PROD #5252
Address:	2156 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Facility ID:	86011375
Permitting Agency:	SAN BERNARDINO COUNTY
CERSID:	Not reported
Latitude:	34.0356904
Longitude:	-117.6276841

C28 **ARCO FACILITY NO 05252** **RCRA-SQG** **1004677973**
SSE **2156 S GROVE AVE** **FINDS** **CAR000103564**
< 1/8 **ONTARIO, CA 91761** **ECHO**
0.097 mi.
511 ft. **Site 9 of 9 in cluster C**

Relative: RCRA-SQG:
Lower

Actual:
847 ft.

Date Form Received by Agency:		20020603
Handler Name:	ARCO FACILITY NO 05252	
Handler Address:		2156 S GROVE AVE
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAR000103564
Contact Name:		JACK OMAN
Contact Address:		P O BOX 6038
Contact City,State,Zip:		ARTESIA, CA 90702-6038
Contact Telephone:		714-690-2425
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported

ARCO FACILITY NO 05252 (Continued) **1004677973**

Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		P O BOX 6038
Mailing City,State,Zip:		ARTESIA, CA 90702-6038
Owner Name:	B P WEST COAST PRODUCTS LLC	
Owner Type:		Private
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20021007

ARCO FACILITY NO 05252 (Continued) **1004677973**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	B P WEST COAST PRODUCTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702-6038
Owner/Operator Telephone:	714-690-2425
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20020603
Handler Name: ARCO FACILITY NO 05252	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

ARCO FACILITY NO 05252 (Continued) **1004677973**

FINDS:
Registry ID: 110012240306

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004677973
Registry ID:	110012240306
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012240306
Name:	ARCO FACILITY NO 05252
Address:	2156 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761

D29 **GRAND VIEW GLASS AND METAL INC.** **San Bern. Co. Permit** **S108240222**
ESE **2134 GREEN PRIVADO** **N/A**
< 1/8 **ONTARIO, CA 91761**
0.100 mi.
530 ft. **Site 1 of 2 in cluster D**

Relative: **Lower**
Actual: **850 ft.**

San Bern. Co. Permit:

Name:	GRAND VIEW GLASS AND METAL INC.
Address:	2134 GREEN PRIVADO
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0010756
Owner:	GRAND VIEW GLASS AND METAL INC
Permit Number:	PT0018469
Permit Category:	HAZMAT HANDLER 26-50 EMPLOYEES
Facility Status:	INACTIVE
Expiration Date:	01/31/2011

Name:	GRAND VIEW GLASS AND METAL INC.
Address:	2134 GREEN PRIVADO
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0010756
Owner:	GRAND VIEW GLASS AND METAL INC
Permit Number:	PT0018468
Permit Category:	SPECIAL GENERATOR
Facility Status:	INACTIVE
Expiration Date:	01/31/2011

D30
ESE
< 1/8
0.100 mi.
530 ft.

HEAVY MOTIONS INC
2134 S GREEN PRIVADO
ONTARIO, CA 91761

Site 2 of 2 in cluster D

RCRA NonGen / NLR **1026722160**
CAL000459213

Relative:
Lower

Actual:
850 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20210105
Handler Name:	HEAVY MOTIONS INC	
Handler Address:		2134 S GREEN PRIVADO
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAL000459213
Contact Name:		JENNFIER HASH
Contact Address:		2134 S GREEN PRIVADO
Contact City,State,Zip:		ONTARIO, CA 91761
Contact Telephone:		909-757-7022
Contact Fax:		909-498-0468
Contact Email:		JENNIFER.H@HYFLOW-CONTROLS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2134 S GREEN PRIVADO
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	HEAVY MOTIONS INC	
Owner Type:		Other
Operator Name:	JENNFIER HASH	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

HEAVY MOTIONS INC (Continued) **1026722160**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: HEAVY MOTIONS INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2134 S GREEN PRIVADO
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-627-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: JENNFIER HASH	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2134 S GREEN PRIVADO
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-757-7022
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HEAVY MOTIONS INC (Continued) **1026722160**

Historic Generators:
- Receive Date: 20210105
- Handler Name: HEAVY MOTIONS INC
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: No
- Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
- NAICS Code: 333996
- NAICS Description: FLUID POWER PUMP AND MOTOR MANUFACTURING

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

E31 **KIMBERLY CORY** **RCRA NonGen / NLR** **1026169314**
West **2091 S. CUCOMONGA AVE** **CAC003069362**
< 1/8 **ONTARIO, CA 91761**
0.112 mi.
593 ft. **Site 1 of 2 in cluster E**

Relative: **Lower**

Actual: **855 ft.**

RCRA NonGen / NLR:
- Date Form Received by Agency: 20200603
- Handler Name: KIMBERLY CORY
- Handler Address: 2091 S. CUCOMONGA AVE
- Handler City,State,Zip: ONTARIO, CA 91761
- EPA ID: CAC003069362
- Contact Name: KIMBERLY CORY
- Contact Address: 2029 S. OAKLAND AVE
- Contact City,State,Zip: ONTARIO, CA 91762
- Contact Telephone: 909-988-9551
- Contact Fax: Not reported
- Contact Email: KRIVBUM@YAHOO.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Not reported
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 2029 S. OAKLAND AVE
- Mailing City,State,Zip: ONTARIO, CA 91762
- Owner Name: KIMBERLY CORY

KIMBERLY CORY (Continued) **1026169314**

Owner Type:		Other
Operator Name:	KIMBERLY CORY	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20200608
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

KIMBERLY CORY (Continued) **1026169314**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: KIMBERLY CORY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2029 S. OAKLAND AVE
Owner/Operator City,State,Zip: ONTARIO, CA 91762
Owner/Operator Telephone: 909-988-9551
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KIMBERLY CORY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2029 S. OAKLAND AVE
Owner/Operator City,State,Zip: ONTARIO, CA 91762
Owner/Operator Telephone: 909-988-9551
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200603
Handler Name: KIMBERLY CORY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F32
SSW
< 1/8
0.120 mi.
636 ft.

ONTARIO
1165 E PHILADELPHIA ST
ONTARIO, CA 91761

Site 1 of 8 in cluster F

HIST UST **U001570046**
N/A

Relative:
Lower

Actual:
842 ft.

HIST UST:

Name:	ONTARIO
Address:	1165 E PHILADELPHIA ST
City,State,Zip:	ONTARIO, CA 91761
File Number:	00029ABC
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029ABC.pdf
Region:	STATE
Facility ID:	00000068121
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	7149479358
Owner Name:	CALIF DEPT OF TRANSPORTATION
Owner Address:	1120 N STREET
Owner City,St,Zip:	SACRAMENTO, CA 95814
Total Tanks:	0003
Tank Num:	001
Container Num:	0000000001
Year Installed:	1972
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Not reported
Tank Num:	002
Container Num:	0000000002
Year Installed:	1972
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Not reported
Tank Num:	003
Container Num:	0000000003
Year Installed:	1972
Tank Capacity:	00000250
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

F33
SSW
< 1/8
0.120 mi.
636 ft.

CALTRANS-ONTARIO
1165 E PHILADELPHIA ST
ONTARIO, CA 91761

Site 2 of 8 in cluster F

AST **A100418362**
N/A

Relative:
Lower

Actual:
842 ft.

AST:

Name:	CALTRANS-ONTARIO
Address:	1165 E PHILADELPHIA ST
City/Zip:	ONTARIO,91761
Certified Unified Program Agencies:	Not reported
Owner:	State of California
Total Gallons:	Not reported
CERSID:	10001701
Facility ID:	FA0006384
Business Name:	Caltrans District 8
Phone:	909-947-9358
Fax:	909-947-8491
Mailing Address:	464 W 4th St. 6th Floor MS 9
Mailing Address City:	San Bernardino
Mailing Address State:	CA
Mailing Address Zip Code:	92401
Operator Name:	Caltrans - Ontario
Operator Phone:	909-947-5461
Owner Phone:	909-947-5461
Owner Mail Address:	464 W 4th St. 6th Floor MS 9
Owner State:	CA
Owner Zip Code:	92401
Owner Country:	United States
Property Owner Name:	State of California
Property Owner Phone:	909-947-5461
Property Owner Mailing Address:	464 W 4th St. 6th Floor MS 9
Property Owner City:	San Bernardino
Property Owner Stat :	CA
Property Owner Zip Code:	92401
Property Owner Country:	United States
EPAID:	CAD981459076

F34
SSW
< 1/8
0.120 mi.
636 ft.

CALTRANS-ONTARIO
1165 E PHILADELPHIA ST
ONTARIO, CA 91761

Site 3 of 8 in cluster F

CERS HAZ WASTE **S104770519**
CERS TANKS **N/A**
San Bern. Co. Permit
CERS

Relative:
Lower

Actual:
842 ft.

CERS HAZ WASTE:

Name:	CALTRANS-ONTARIO
Address:	1165 E PHILADELPHIA ST
City,State,Zip:	ONTARIO, CA 91761
Site ID:	15925
CERS ID:	10001701
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	CALTRANS-ONTARIO
Address:	1165 E PHILADELPHIA ST
City,State,Zip:	ONTARIO, CA 91761
Site ID:	15925
CERS ID:	10001701
CERS Description:	Aboveground Petroleum Storage

CALTRANS-ONTARIO (Continued) **S104770519**

San Bern. Co. Permit:
Name: CALTRANS-ONTARIO
Address: 1165 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0006384
Owner: California Department of Transportation
Permit Number: PT0020754
Permit Category: APSA 1,320-10,000 GAL FAC CAPACITY
Facility Status: ACTIVE
Expiration Date: 12/31/2021

Name: CALTRANS-ONTARIO
Address: 1165 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0006384
Owner: California Department of Transportation
Permit Number: PT0002457
Permit Category: HAZARDOUS MATERIALS 11-30 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 12/31/2021

Name: CALTRANS-ONTARIO
Address: 1165 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0006384
Owner: California Department of Transportation
Permit Number: PT0002456
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: ACTIVE
Expiration Date: 12/31/2021

Name: CALTRANS-ONTARIO
Address: 1165 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0006384
Owner: California Department of Transportation
Permit Number: PT0022045
Permit Category: EPCRA FACILITY
Facility Status: INACTIVE
Expiration Date: 12/31/2013

CERS:
Name: CALTRANS-ONTARIO
Address: 1165 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Site ID: 15925
CERS ID: 10001701
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 15925
Site Name: Caltrans-Ontario
Violation Date: 12-12-2016

CALTRANS-ONTARIO (Continued) **S104770519**

Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 04/03/2017. The following hazardous materials observed during this inspection were not disclosed on the business plan or were disclosed 100 percent less than what was onsite: (1) 55 gallon drum of drained used oil filters, (4) approximately 200-250 gallons and (1) 100 gallon cylinder of compressed oxygen gas, (1) 250 gallon used oil container, (1) 55 gallon drum of paint thinner, (2) 55 gallon drums of grease, (1) 55 gallon drum of oily dirt, and (1) 20 yard roll-off for hazardous waste roadside solids. Compliance Requirement: Using CERS update the hazardous material inventory of the Business Plan.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	15925
Site Name:	Caltrans-Ontario
Violation Date:	12-12-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 04/03/2017. The site map of the Business Plan was missing the following required information: the emergency response equipment (i.e. fire extinguishers, spill kits, etc.) and the evacuation staging area. Compliance Requirement: Using CERS update the Business Plan.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	15925
Site Name:	Caltrans-Ontario
Violation Date:	03-26-2020
Citation:	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description:	Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes:	Returned to compliance on 05/13/2020. OBSERVATION: Documentation for a 5-year review of the SPCC plan was not available; no dates after the initial date in 2013 were listed in the review log. CORRECTIVE ACTION: Submit a signed statement that the SPCC plan has been reviewed and revised as necessary.
Violation Division:	San Bernardino County Fire Department
Violation Program:	APSA
Violation Source:	CERS,

CALTRANS-ONTARIO (Continued) **S104770519**

Site ID:	15925
Site Name:	Caltrans-Ontario
Violation Date:	03-26-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	"Failure to test or inspect each aboveground container for integrity based on industry standards as discussed in the SPCC Plan: 1. On a regular schedule. 2. After making material repairs. 3. Use non-destructive testing. 4. Inspect each container s supports, foundations, and outside for signs of deterioration, discharges, or accumulation of oil inside diked areas."
Violation Notes:	Returned to compliance on 05/13/2020. OBSERVATION: Annual STI tank inspection documentation was not available and the used oil interstitial space is not being inspected. At the time of the inspection, oil was discovered in the used oil tank interstitial space. CORRECTIVE ACTION: Submit a copy of a completed annual STI tank inspection checklist along with a signed statement as to how the used oil tank will be managed, with respect to the oil found in the interstitial space.
Violation Division:	San Bernardino County Fire Department
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	15925
Site Name:	Caltrans-Ontario
Violation Date:	12-12-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to test or inspect each aboveground container for integrity based on industry standards discussed in the SPCC Plan: 1. On a regular schedule. 2. After making material repairs. 3. Use non-destructive testing. 4. Inspect each container s supports, foundations, and outside for signs of deterioration, discharges, or accumulation of oil inside diked areas.
Violation Notes:	Returned to compliance on 05/13/2020. Inspection records were not available during the inspection demonstrating that the operator is conducting container/tank inspections in accordance with their SPCC Plan. The SPCC Plan states that STI SP001 monthly and annual inspections will be conducted. In addition for tank #1 a periodic integrity testing of the continuous monitoring system will be inspected and certified annually. Compliance Requirement: Test and inspect the tanks at the facility in accordance with the SPCC Plan and submit a signed statement indicating that tests/inspections of the containers are being conducted.
Violation Division:	San Bernardino County Fire Department
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	15925
Site Name:	Caltrans-Ontario
Violation Date:	03-26-2020
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

CALTRANS-ONTARIO (Continued) **S104770519**

Violation Notes:	Returned to compliance on 05/13/2020. OBSERVATION: Employee training documentation was not available for SPCC plan reviews/spill prevention briefings or emergency evacuation procedures. CORRECTIVE ACTION: Submit a copy of a sign in sheet or other proof showing that employees are receiving adequate training.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	15925
Site Name:	Caltrans-Ontario
Violation Date:	03-26-2020
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 05/13/2020. OBSERVATION: Hazardous materials were observed on site during the inspection that are not listed in the most current CERS inventory or are listed in lesser quantities. CORRECTIVE ACTION: Submit a signed statement that the Business Plan elements have been updated and submitted into CERS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	15925
Site Name:	Caltrans-Ontario
Violation Date:	03-26-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to address in the SPCC Plan the type of oil and storage capacity for each fixed container. For mobile or portable containers, either provide the type of oil and storage capacity, or an estimate of the potential number of mobile or portable containers, the types of oil, and anticipated storage capacities.
Violation Notes:	Returned to compliance on 05/13/2020. OBSERVATION: A back up generator with a 225-gallon diesel fuel belly tank maintained on site has not been included in the SPCC plan inventory. CORRECTIVE ACTION: Submit a signed statement that the SPCC plan has been revised to include all APSA applicable petroleum storage tanks and containers.
Violation Division:	San Bernardino County Fire Department
Violation Program:	APSA
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-26-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW

CALTRANS-ONTARIO (Continued) **S104770519**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: INSPECTION OF CALTRANS IN ONTARIO.
Eval Division: San Bernardino County Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTION OF CALTRANS IN ONTARIO.
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-08-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: APSA INSPECTION-CAL TRANS
Eval Division: San Bernardino County Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: INSPECTION OF CALTRANS IN ONTARIO.
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

CALTRANS-ONTARIO (Continued) **S104770519**

Eval Date: 05-08-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ROUTINE GENERATOR INSPECTION-CAL TRANS
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 15925
Site Name: Caltrans-Ontario
Site Address: 1165 E PHILADELPHIA ST
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 12-12-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 15925
Site Name: Caltrans-Ontario
Site Address: 1165 E PHILADELPHIA ST
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 12-12-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Todd Bennett
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Casey Perkins
Entity Title: Not reported
Affiliation Address: 464 W 4th St. 6th Floor MS 12
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92401
Affiliation Phone: ,

CALTRANS-ONTARIO (Continued) **S104770519**

Affiliation Type Desc:	Parent Corporation
Entity Name:	CalTrans District 8
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	California Department of Transportation
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 947-8491,

Affiliation Type Desc:	Property Owner
Entity Name:	California Department of Transportation
Entity Title:	Not reported
Affiliation Address:	464 W 4th St. 6th Floor MS 12
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92401
Affiliation Phone:	(909) 947-5461,

Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	464 W 4th St. 6th Floor MS 12
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92401
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Casey Perkins
Entity Title:	CMAS-Hazardous Materials Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

CALTRANS-ONTARIO (Continued) **S104770519**

Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	California Department of Transportation
Entity Title:	Not reported
Affiliation Address:	464 W 4th St. 6th Floor MS 12
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92401
Affiliation Phone:	(909) 947-5461,

F35 **CALTRANS ONTARIO AREA MAINT STATION** **RCRA-SQG** **1000419410**
SSW **1165 E PHILADELPHIA ST** **FINDS** **CAD981459076**
< 1/8 **ONTARIO, CA 91761**
0.120 mi.
636 ft. **Site 4 of 8 in cluster F**

Relative: **Lower**
Actual: **842 ft.**

RCRA-SQG:

Date Form Received by Agency:	19860407
Handler Name:	CALTRANS ONTARIO AREA MAINT STATION
Handler Address:	1165 E PHILADELPHIA ST
Handler City,State,Zip:	ONTARIO, CA 91761
EPA ID:	CAD981459076
Contact Name:	DAVID MORENO
Contact Address:	1165 E PHILADELPHIA ST
Contact City,State,Zip:	ONTARIO, CA 91761
Contact Telephone:	714-947-4657
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	State
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	X
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1165 E PHILADELPHIA ST
Mailing City,State,Zip:	ONTARIO, CA 91761
Owner Name:	CALIFORNIA DEPARTMENT OF TRANSPORTATION
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

CALTRANS ONTARIO AREA MAINT STATION (Continued) **1000419410**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CALIFORNIA DEPARTMENT OF TRANSPORTATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported

CALTRANS ONTARIO AREA MAINT STATION (Continued) **1000419410**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19860407
Handler Name: CALTRANS ONTARIO AREA MAINT STATION
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002714625

Click Here for FRS Facility Detail Report:

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.

CALTRANS ONTARIO AREA MAINT STATION (Continued) **1000419410**

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

F36 **CALTRANS ONTARIO** **AST** **A100345601**
SSW **1165 PHILADELPHIA AVE.** **N/A**
< 1/8 **ONTARIO, CA**
0.120 mi.
636 ft. **Site 5 of 8 in cluster F**

Relative: **Lower**
Actual: **842 ft.**

AST:

Name:	CALTRANS ONTARIO
Address:	1165 PHILADELPHIA AVE.
City/Zip:	ONTARIO,
Certified Unified Program Agencies:	San Bernardino
Owner:	CALTRANS
Total Gallons:	6,185
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

F37 **CALTRANS D8 MAINTENANCE ONTARIO MS** **SWF/LF** **S113006958**
SSW **1165 E PHILADELPHIA ST** **HAZNET** **N/A**
< 1/8 **ONTARIO, CA 91761** **CERS**
0.120 mi. **HWTS**
636 ft. **Site 6 of 8 in cluster F**

Relative: **Lower**
Actual: **842 ft.**

SWF/LF (SWIS):

Name:	CALTRANS ONTARIO MAINTENANCE STATION
Address:	1165 EAST PHILADELPHIA ST.
City,State,Zip:	ONTARIO, CA 91761
Region:	STATE
Facility ID:	36-AA-0459
SWIS Number:	36-AA-0459
Point of Contact:	Megan Emslander

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Active
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Ontario
Reporting Agency Legal Name:	County of San Bernardino
Reporting Agency Department:	Div. of Environmental Health Services
Enforcing Agency Legal Name:	County of San Bernardino
Enforcing Agency Department:	Div. of Environmental Health Services
Regulation Status:	Notification

Activity:

SWIS Number:	36-AA-0459
Site Name:	Caltrans Ontario Maintenance Station
Activity:	Limited Volume Transfer Operation
Activity Is Archived:	No
Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Quarterly
Throughput:	60
Throughput Units:	Cubic Yards per Day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	15600
Capacity Units:	Cubic Yards per year
Total Acreage:	3.1
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Megan Emslander
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	San Bernardino
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Ontario
Street Address:	1165 East Philadelphia St.

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

City:	Ontario
State:	CA
ZIP Code:	91761
Reporting Agency Legal Name:	County of San Bernardino
Reporting Agency Department:	Div. of Environmental Health Services
Enforcing Agency Legal Name:	County of San Bernardino
Enforcing Agency Department:	Div. of Environmental Health Services

Operator:

SWIS Number:	36-AA-0459
Site Name:	Caltrans Ontario Maintenance Station
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	34.03442
Longitude:	-117.63023
Is Archived:	No
Operator:	Upland Maintenance Crew 08-734
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(909) 947-9358
Street Address:	1165 E Philadelphia St
Operator City:	Ontario
Operator State:	CA
Operator Zip:	91761

Owner:

SWIS Number:	36-AA-0459
Owner:	Caltrans South Region District 8
Owner Address:	Jim A. Rogers 1091 Everton Place
Owner City:	Riverside
Owner State:	CA
Owner Zip:	92516
Site Name:	Caltrans Ontario Maintenance Station
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	34.03442
Longitude:	-117.63023
Is Archived:	No
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(951) 787-4807

Waste:

SWIS Number:	36-AA-0459
Site Name:	Caltrans Ontario Maintenance Station
Activity:	Limited Volume Transfer Operation
Waste Type:	Contaminated soil
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Site Type: Non-Disposal Only
Point of Contact: Megan Emslander
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Notification
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Operation

SWIS Number: 36-AA-0459
Site Name: Caltrans Ontario Maintenance Station
Activity: Limited Volume Transfer Operation
Waste Type: Mixed municipal
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Megan Emslander
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Notification
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Operation

SWIS Number: 36-AA-0459
Site Name: Caltrans Ontario Maintenance Station
Activity: Limited Volume Transfer Operation
Waste Type: Tires
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Megan Emslander
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Notification
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Operation

SWIS Number: 36-AA-0459
Site Name: Caltrans Ontario Maintenance Station
Activity: Limited Volume Transfer Operation
Waste Type: Wood waste
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Megan Emslander
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Notification
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Operation

HAZNET:
Name: CALTRANS D8 MAINTENANCE ONTARIO MS
Address: 1165 E PHILADELPHIA ST

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Address 2:	Not reported
City,State,Zip:	ONTARIO, CA 92401
Contact:	FRED MCSKIMMING
Telephone:	9092235653
Mailing Name:	Not reported
Mailing Address:	464 W 4TH ST 6TH FLR
Year:	2019
Gepaid:	CAD981459076
TSD EPA ID:	NVT330010000
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	28.20000
Year:	2019
Gepaid:	CAD981459076
TSD EPA ID:	CAT080025711
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00000
Year:	2019
Gepaid:	CAD981459076
TSD EPA ID:	NVT330010000
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.13750
Year:	2018
Gepaid:	CAD981459076
TSD EPA ID:	CAT080025711
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00000
Year:	2018
Gepaid:	CAD981459076
TSD EPA ID:	CAT080025711
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.04170
Year:	2017
Gepaid:	CAD981459076
TSD EPA ID:	NVT330010000
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	28.2
Year:	2017
Gepaid:	CAD981459076

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

TSD EPA ID: CAD008364432
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.125

Year: 2017
Gepaid: CAD981459076
TSD EPA ID: CAT080025711
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.76

Year: 2016
Gepaid: CAD981459076
TSD EPA ID: CAD099452708
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.0834

Year: 2016
Gepaid: CAD981459076
TSD EPA ID: CAT080025711
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1251

Click this hyperlink while viewing on your computer to access
61 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2017
Gen EPA ID: CAD981459076

Shipment Date: 20171218
Creation Date: 8/10/2018 18:30:24
Receipt Date: 20171218
Manifest ID: 006436571SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080025711
Trans Name: ADVANCED ENVIRONMENTAL INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.114
Waste Quantity: 30
Quantity Unit: G

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171012
Creation Date:	7/17/2018 18:30:28
Receipt Date:	20171013
Manifest ID:	016751856JJK
Trans EPA ID:	CAD982523433
Trans Name:	DILLARD ENVIRONMENTAL SERVICES #1715
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	28.2
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170804
Creation Date:	5/21/2018 18:30:38
Receipt Date:	20170804
Manifest ID:	006129185SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.456
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170418

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Creation Date:	5/9/2018 18:32:37
Receipt Date:	20170419
Manifest ID:	005985822SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170206
Creation Date:	5/18/2017 18:32:20
Receipt Date:	20170223
Manifest ID:	014893476JJK
Trans EPA ID:	CAT080032253
Trans Name:	O.C. VACUUM, INC.
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA, LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM, LLC (PSC)
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAD981459076

Shipment Date:	20011108
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011108
Manifest ID:	21372095

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0714
Waste Quantity:	17
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010817
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010820
Manifest ID:	21105190
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0504
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010621
Creation Date:	7/30/2001 0:00:00
Receipt Date:	Not reported
Manifest ID:	20897649
Trans EPA ID:	CAT080012800
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980892731
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.42
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010530
Creation Date:	7/20/2001 0:00:00
Receipt Date:	20010531
Manifest ID:	20640371
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010305
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010306
Manifest ID:	20373963
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAD981459076

Shipment Date: 20061218
Creation Date: 4/19/2007 18:31:54
Receipt Date: 20061227
Manifest ID: 000507651FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20061218
Creation Date: 4/19/2007 18:31:54
Receipt Date: 20061227
Manifest ID: 000507651FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20061218

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Creation Date:	4/19/2007 18:31:54
Receipt Date:	20061227
Manifest ID:	000507651FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061218
Creation Date:	4/19/2007 18:31:54
Receipt Date:	20061227
Manifest ID:	000507651FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060407
Creation Date:	7/27/2006 18:36:48
Receipt Date:	20060414
Manifest ID:	21840166
Trans EPA ID:	CAT080012800
Trans Name:	HAZ MAT TRANS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY OVERTON
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.17
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060407
Creation Date:	12/20/2006 18:30:44
Receipt Date:	20060414
Manifest ID:	24771625
Trans EPA ID:	CAT080012800
Trans Name:	HAZ MAT TRANS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES CALIFORNIA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060406
Creation Date:	7/27/2006 18:36:48
Receipt Date:	20060406
Manifest ID:	24771775
Trans EPA ID:	CAT080012800
Trans Name:	HAZ MAT TRANS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.668
Waste Quantity:	400

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAD981459076

Shipment Date: 20150615
Creation Date: 9/16/2015 22:15:10
Receipt Date: 20150706
Manifest ID: 011186380JJK
Trans EPA ID: CAT080032253
Trans Name: OC VACUUM INC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO-CHEM LLC (PSC)
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0875
Waste Quantity: 175
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150615
Creation Date: 9/16/2015 22:15:10
Receipt Date: 20150706
Manifest ID: 011186380JJK
Trans EPA ID: CAT080032253
Trans Name: OC VACUUM INC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO-CHEM LLC (PSC)
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 291 - Latex waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1375
Waste Quantity: 275
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2003
Gen EPA ID: CAD981459076

Shipment Date: 20031210
Creation Date: 7/30/2004 18:31:14
Receipt Date: 20031215
Manifest ID: 23372110
Trans EPA ID: CAD982523433
Trans Name: DILLARD ENVIRONMENTAL SVCS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD059494310
Trans Name: CLEAN HARBORS ENVIRONMENTAL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.136
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030530
Creation Date: 6/23/2004 9:59:25
Receipt Date: 20030530
Manifest ID: 22674889
Trans EPA ID: TXR000050930
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613927
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613927
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0798
Waste Quantity: 19
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030318
Creation Date: 6/22/2003 18:31:12

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Receipt Date:	20030324
Manifest ID:	22084284
Trans EPA ID:	CAD982523433
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030318
Creation Date:	6/22/2003 18:31:12
Receipt Date:	20030324
Manifest ID:	22084284
Trans EPA ID:	CAD982523433
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAD981459076

Shipment Date:	20090518
Creation Date:	9/25/2009 18:30:08
Receipt Date:	20090602
Manifest ID:	002585485FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTR000007708

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Trans 2 Name:	SLT EXPRESSWAY
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090518
Creation Date:	9/25/2009 18:30:08
Receipt Date:	20090602
Manifest ID:	002585485FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESSWAY
TSDF EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090203
Creation Date:	4/8/2009 18:31:36
Receipt Date:	20090203
Manifest ID:	001204643FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0625
Waste Quantity: 125
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1996
Gen EPA ID: CAD981459076

Shipment Date: 19961104
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961104
Manifest ID: 96325691
Trans EPA ID: CAD983649880
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 4.25
Waste Quantity: 1250
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960821
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960828
Manifest ID: 96060967
Trans EPA ID: CAL922125668
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.0425
Waste Quantity: 250
Quantity Unit: G
Additional Code 1: Not reported

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD981459076
Shipment Date:	19990113
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19990114
Manifest ID:	97468885
Trans EPA ID:	CAD983649880
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.02
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD981459076
Shipment Date:	20050324
Creation Date:	7/20/2005 18:30:55
Receipt Date:	20050401
Manifest ID:	23758610
Trans EPA ID:	CAT080012800
Trans Name:	HAZ MAT TRANS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050324
Creation Date:	7/21/2005 18:32:26
Receipt Date:	20050401
Manifest ID:	23758611
Trans EPA ID:	CAT080012800
Trans Name:	HAZ MAT TRANS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.495
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050324
Creation Date:	7/20/2005 18:30:55
Receipt Date:	20050401
Manifest ID:	23758610
Trans EPA ID:	CAT080012800
Trans Name:	HAZ MAT TRANS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAD981459076

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Shipment Date:	20150615
Creation Date:	9/16/2015 22:15:10
Receipt Date:	20150706
Manifest ID:	011186380JJK
Trans EPA ID:	CAT080032253
Trans Name:	OC VACUUM INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC (PSC)
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150615
Creation Date:	9/16/2015 22:15:10
Receipt Date:	20150706
Manifest ID:	011186380JJK
Trans EPA ID:	CAT080032253
Trans Name:	OC VACUUM INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC (PSC)
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1375
Waste Quantity:	275
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD981459076

Shipment Date:	19950911
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950912
Manifest ID:	95680472

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Trans EPA ID:	CAL000027724
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981696420
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950815
Creation Date:	4/1/1996 0:00:00
Receipt Date:	19950817
Manifest ID:	91711813
Trans EPA ID:	CAT080012776
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.1
Waste Quantity:	500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950706
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950706
Manifest ID:	95181191
Trans EPA ID:	CAD983649880
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.8765
Waste Quantity:	450
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950209
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950209
Manifest ID:	93014797
Trans EPA ID:	CAD983649880
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	8.34
Waste Quantity:	2000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAD981459076
Shipment Date:	20141117
Creation Date:	1/14/2015 22:14:59
Receipt Date:	20141124
Manifest ID:	013795171JJK
Trans EPA ID:	CAD983649880
Trans Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAD981459076
Shipment Date:	20070731
Creation Date:	1/9/2008 18:30:06
Receipt Date:	20070801
Manifest ID:	001126994FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	8.5
Waste Quantity:	2500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070731
Creation Date:	1/8/2008 18:30:16
Receipt Date:	20070731
Manifest ID:	001126947FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	3.05
Waste Quantity:	6100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2000
Gen EPA ID: CAD981459076

Shipment Date: 20001211
Creation Date: 1/24/2001 0:00:00
Receipt Date: 20001211
Manifest ID: 20382490
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613927
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.042
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000918
Creation Date: 10/30/2000 0:00:00
Receipt Date: 20000918
Manifest ID: 20023305
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613927
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0756
Waste Quantity: 18
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000314

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Creation Date:	5/23/2000 0:00:00
Receipt Date:	20000320
Manifest ID:	99597814
Trans EPA ID:	CAT080012800
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD088504881
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000314
Creation Date:	6/7/2000 0:00:00
Receipt Date:	20000320
Manifest ID:	99597813
Trans EPA ID:	CAT080012800
Trans Name:	Not reported
Trans 2 EPA ID:	CAT080012800
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAD981459076

Shipment Date:	20080407
Creation Date:	7/16/2008 18:30:08
Receipt Date:	20080408
Manifest ID:	001713336FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080407
Creation Date:	7/16/2008 18:30:08
Receipt Date:	20080408
Manifest ID:	001713336FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAD981459076

Shipment Date:	20110404
Creation Date:	10/1/2011 18:30:39
Receipt Date:	20110404
Manifest ID:	004416738FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110404
Creation Date:	10/1/2011 18:30:39
Receipt Date:	20110404
Manifest ID:	004416738FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAD981459076

Shipment Date:	20100608
Creation Date:	8/30/2010 18:30:37
Receipt Date:	20100608
Manifest ID:	003093734FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	23.6
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100527
Creation Date:	12/16/2010 18:31:14
Receipt Date:	20100527
Manifest ID:	002253404SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100527
Creation Date:	12/16/2010 18:31:14
Receipt Date:	20100527
Manifest ID:	002253404SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	- Not reported
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100503
Creation Date:	9/30/2010 18:30:56
Receipt Date:	20100503
Manifest ID:	002636637FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100503
Creation Date:	9/30/2010 18:30:56
Receipt Date:	20100503
Manifest ID:	002636637FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100503
Creation Date:	9/30/2010 18:30:56

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Receipt Date:	20100503
Manifest ID:	002636637FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100503
Creation Date:	9/30/2010 18:30:56
Receipt Date:	20100503
Manifest ID:	002636637FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100322
Creation Date:	8/6/2010 18:31:05
Receipt Date:	20100322
Manifest ID:	003094992FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.502
Waste Quantity:	600
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD981459076
Shipment Date:	20020517
Creation Date:	2/21/2003 10:41:38
Receipt Date:	20020522
Manifest ID:	20898115
Trans EPA ID:	CAT080012800
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980892731
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.095
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020517
Creation Date:	2/21/2003 10:41:38
Receipt Date:	20020522
Manifest ID:	20898115
Trans EPA ID:	CAT080012800
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980892731
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020517
Creation Date:	2/21/2003 10:41:38
Receipt Date:	20020522
Manifest ID:	20898115
Trans EPA ID:	CAT080012800
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980892731
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020517
Creation Date:	2/21/2003 10:41:38
Receipt Date:	20020522
Manifest ID:	20898115
Trans EPA ID:	CAT080012800
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980892731
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.099
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Additional Code 5: Not reported

Additional Info:
Year: 1993
Gen EPA ID: CAD981459076

Shipment Date: 19931216
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931216
Manifest ID: 93287006
Trans EPA ID: CAT080034184
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 14.25
Waste Quantity: 3750
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930910
Creation Date: 9/13/1995 0:00:00
Receipt Date: 19930910
Manifest ID: 93287653
Trans EPA ID: CAT080034184
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 2.502
Waste Quantity: 600
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930526
Creation Date: 9/8/1995 0:00:00
Receipt Date: 19930527

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Manifest ID:	92521635
Trans EPA ID:	CAT080034184
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	6.46
Waste Quantity:	1700
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930318
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930325
Manifest ID:	92521147
Trans EPA ID:	CAT080034184
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.076
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930224
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930225
Manifest ID:	92520605
Trans EPA ID:	CAT080034184
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Waste Code Description:	272 - Polymeric resin waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930224
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930225
Manifest ID:	92520605
Trans EPA ID:	CAT080034184
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	272 - Polymeric resin waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930108
Creation Date:	9/5/1995 0:00:00
Receipt Date:	19930111
Manifest ID:	92498598
Trans EPA ID:	CAT080034184
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.85
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930108
Creation Date:	9/5/1995 0:00:00
Receipt Date:	19930111
Manifest ID:	92498762
Trans EPA ID:	CAT080034184
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.304
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	CALTRANS ONTARIO MAINTENANCE STATION
Address:	1165 EAST PHILADELPHIA ST.
City,State,Zip:	ONTARIO, CA
Site ID:	507443
CERS ID:	36-AA-0459
CERS Description:	Solid Waste and Recycle Sites

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	Caltrans South Region District 8
Entity Title:	Not reported
Affiliation Address:	Jim A. Rogers1091 Everton Place
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92516
Affiliation Phone:	9517874807,
Affiliation Type Desc:	Legal Operator
Entity Name:	Upland Maintenance Crew 08-734
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91761
Affiliation Phone:	9099479358,

CALTRANS D8 MAINTENANCE ONTARIO MS (Continued) **S113006958**

HWTS:

Name:	CALTRANS D8 MAINTENANCE ONTARIO MS
Address:	1165 E PHILADELPHIA ST
Address 2:	Not reported
City,State,Zip:	ONTARIO, CA 91761
EPA ID:	CAD981459076
Inactive Date:	Not reported
Create Date:	04/10/1987
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	464 W 4TH ST 6TH FLR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN BERNARDINO, CA 92401
Owner Name:	CALTRANS
Owner Address:	1120 N ST STE 31
Owner Address 2:	Not reported
Owner City,State,Zip:	SACRAMENTO, CA 958145680
Contact Name:	TODD BENNETT
Contact Address:	464 W. FOURTH ST. MS 9
Contact Address 2:	Not reported
City,State,Zip:	SAN BERNARDINO, CA 92401
Facility Status:	Active
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	34.03392
Longitude:	-117.63052

NAICS:

EPA ID:	CAD981459076
Create Date:	2008-03-20 15:51:28.017
NAICS Code:	92612
NAICS Description:	Regulation and Administration of Transportation Programs
Issued EPA ID Date:	1987-04-10 00:00:00
Inactive Date:	Not reported
Facility Name:	CALTRANS D8 MAINTENANCE ONTARIO MS
Facility Address:	1165 E PHILADELPHIA ST
Facility Address 2:	Not reported
Facility City:	ONTARIO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917610000

F38 **ONTARIO** **SWEEPS UST** **S101618968**
SSW **1165 E PHILADELPHIA ST** **CA FID UST** **N/A**
< 1/8 **ONTARIO, CA 91761**
0.120 mi.
636 ft. **Site 7 of 8 in cluster F**

Relative:
Lower

Actual:
842 ft.

SWEEPS UST:

Name:	ONTARIO
Address:	1165 E PHILADELPHIA ST
City:	ONTARIO
Status:	Active
Comp Number:	68121
Number:	6
Board Of Equalization:	44-021487
Referral Date:	09-06-91

ONTARIO (Continued) **S101618968**

Action Date: 09-06-91
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 36-000-068121-000001
Tank Status: A
Capacity: 2000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 3

Name: ONTARIO
Address: 1165 E PHILADELPHIA ST
City: ONTARIO
Status: Active
Comp Number: 68121
Number: 6
Board Of Equalization: 44-021487
Referral Date: 09-06-91
Action Date: 09-06-91
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 36-000-068121-000002
Tank Status: A
Capacity: 4000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: ONTARIO
Address: 1165 E PHILADELPHIA ST
City: ONTARIO
Status: Active
Comp Number: 68121
Number: 6
Board Of Equalization: 44-021487
Referral Date: 09-06-91
Action Date: 09-06-91
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 36-000-068121-000003
Tank Status: A
Capacity: 250
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 36000491
Regulated By: UTNKA
Regulated ID: 00068121
Cortese Code: Not reported

ONTARIO (Continued) **S101618968**

SIC Code:	Not reported
Facility Phone:	7149479358
Mail To:	Not reported
Mailing Address:	1165 E PHILADELPHIA ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ONTARIO 91761
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

F39 **ONTARIO MAINT YARD** **HIST UST** **U001570053**
SSW **1165 E PHILADELPHIA** **N/A**
< 1/8 **ONTARIO, CA 91761**
0.120 mi.
636 ft. **Site 8 of 8 in cluster F**

Relative: HIST UST:
Lower

Name:	ONTARIO MAINT YARD
Address:	1165 E PHILADELPHIA
City,State,Zip:	ONTARIO, CA 91761
File Number:	00029AFE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029AFE.pdf
Region:	STATE
Facility ID:	00000044824
Facility Type:	Gas Station
Other Type:	MAINT. YARD
Contact Name:	O. SCHWESTAK
Telephone:	7149479358
Owner Name:	CALIFORNIA DEPARTMENT OF TRANS
Owner Address:	247 W. THIRD STREET
Owner City,St,Zip:	SAN BERNARDINO, CA 92403
Total Tanks:	0003
Tank Num:	001
Container Num:	ONT 1
Year Installed:	1972
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	ONT 2
Year Installed:	1972
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	ONT 3
Year Installed:	1981

ONTARIO MAINT YARD (Continued) **U001570053**

Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

G40 **PBB, INC** **San Bern. Co. Permit** **S106911274**
SE **1311 E PHILADELPHIA** **N/A**
< 1/8 **ONTARIO, CA 91761**
0.122 mi.
644 ft. **Site 1 of 3 in cluster G**

Relative: San Bern. Co. Permit:
Lower
Actual: Name: PBB, INC
846 ft. Address: 1311 E PHILADELPHIA
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0008188
Owner: PBB, INC
Permit Number: PT0014347
Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES
Facility Status: INACTIVE
Expiration Date: 03/31/2004

H41 **C & T JAPANESE ENGINE INC** **RCRA NonGen / NLR** **1024800622**
SW **1127 E PHILADELPHIA ST** **CAL000221246**
< 1/8 **ONTARIO, CA 91761**
0.122 mi.
645 ft. **Site 1 of 2 in cluster H**

Relative: RCRA NonGen / NLR:
Lower
Actual: Date Form Received by Agency: 20000712
844 ft. Handler Name: C & T JAPANESE ENGINE INC
Handler Address: 1127 E PHILADELPHIA ST
Handler City,State,Zip: ONTARIO, CA 91761-0000
EPA ID: CAL000221246
Contact Name: RICK CHAN-MGR
Contact Address: 1127 E PHILADELPHIA ST
Contact City,State,Zip: ONTARIO, CA 91761
Contact Telephone: 909-923-5588
Contact Fax: 909-923-5592
Contact Email: CTRIK@MSN.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 1127 E PHILADELPHIA ST
Mailing City,State,Zip: ONTARIO, CA 91761-0000

C & T JAPANESE ENGINE INC (Continued) **1024800622**

Owner Name:	RICK CHAN	
Owner Type:		Other
Operator Name:	RICK CHAN-MGR	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20180905
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No

C & T JAPANESE ENGINE INC (Continued) **1024800622**

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: RICK CHAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1127 E PHILADELPHIA ST
Owner/Operator City,State,Zip: ONTARIO, CA 91761-0000
Owner/Operator Telephone: 909-923-5588
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RICK CHAN-MGR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1127 E PHILADELPHIA ST
Owner/Operator City,State,Zip: ONTARIO, CA 91761
Owner/Operator Telephone: 909-923-5588
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20000712
Handler Name: C & T JAPANESE ENGINE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42114
NAICS Description: MOTOR VEHICLE PARTS (USED) WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H42 **C & T JAPANESE ENGINE INC** **CERS HAZ WASTE** **S104764478**
SW **1127 E PHILADELPHIA ST** **San Bern. Co. Permit** **N/A**
< 1/8 **ONTARIO, CA 91761** **CERS**
0.122 mi.
645 ft. **Site 2 of 2 in cluster H**

Relative:
Lower

Actual:
844 ft.

CERS HAZ WASTE:
Name: C & T JAPANESE ENGINE INC
Address: 1127 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Site ID: 100878
CERS ID: 10036651
CERS Description: Hazardous Waste Generator

San Bern. Co. Permit:
Name: C & T JAPANESE ENGINE INC
Address: 1127 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0001646
Owner: RIK
Permit Number: PT0000606
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 09/30/2022

Name: C & T JAPANESE ENGINE INC
Address: 1127 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0001646
Owner: RIK
Permit Number: PT0000605
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: ACTIVE
Expiration Date: 09/30/2022

CERS:
Name: C & T JAPANESE ENGINE INC
Address: 1127 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Site ID: 100878
CERS ID: 10036651
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 100878
Site Name: C & T JAPANESE ENGINE INC
Violation Date: 02-19-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 03/07/2014. Failure to complete hazardous waste labels (CCR 66262.34(f)(3))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 100878

C & T JAPANESE ENGINE INC (Continued) **S104764478**

Site Name: C & T JAPANESE ENGINE INC
Violation Date: 03-30-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 04/10/2020. OBSERVATION: At the time of inspection, the business plan was last submitted via CERS on 02/22/2019. The business plan is to be submitted annually. CORRECTIVE ACTION: Review and certify the business plan via CERS. Your CERS ID #10036651.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 100878
Site Name: C & T JAPANESE ENGINE INC
Violation Date: 03-30-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 04/10/2020. OBSERVATION: At the time of inspection, observed (4) 55 gallon drums of used oil and (1) 55 gallon drum of degreaser on site. CORRECTIVE ACTION: Submit an accurate and complete hazardous materials inventory via CERS.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 100878
Site Name: C & T JAPANESE ENGINE INC
Violation Date: 03-30-2020
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 04/27/2020. OBSERVATION: At the time of inspection, training documentation was not available for review. CORRECTIVE ACTION: Maintain training records for a minimum of three years. Submit a signed statement indicating that training records will be kept on site for review.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-01-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: C & T Japanese
Eval Division: San Bernardino County Fire Department

C & T JAPANESE ENGINE INC (Continued) **S104764478**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-01-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Routine inspection
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-19-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER INSPECTION-C & T
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-19-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE GENERATOR INSPECTION-C & T
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 100878
Site Name: C & T JAPANESE ENGINE INC
Site Address: 1127 E PHILADELPHIA ST
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 02-19-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection

C & T JAPANESE ENGINE INC (Continued) **S104764478**

Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 100878
Facility Name: C & T JAPANESE ENGINE INC
Env Int Type Code: HWG
Program ID: 10036651
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 34.033992
Longitude: -117.631432

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Rik Chan
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1127 E PHILADELPHIA ST
Affiliation City: ONTARIO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: RIK CHAN
Entity Title: OWNER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: C & T Japanese Engine Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (909) 923-5588,

C & T JAPANESE ENGINE INC (Continued) **S104764478**

Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,
Affiliation Type Desc:	Environmental Contact
Entity Name:	RIK CHAN
Entity Title:	Not reported
Affiliation Address:	1127 EAST PHILADELPHIA STREET
Affiliation City:	ONTARIO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91761
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	C & T JAPANESE ENGINE INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

I43 **C&D ZODIAC - ONTARIO** **RCRA-LQG** **1000388761**
NNE **1945 S GROVE AVE** **FINDS** **CAD094130127**
< 1/8 **ONTARIO, CA 91761** **EMI**
0.123 mi. **NPDES**
650 ft. **Site 1 of 4 in cluster I** **San Bern. Co. Permit**
WDS
Relative: Higher **CIWQS**

Actual: 865 ft.

RCRA-LQG:

Date Form Received by Agency:		20120305
Handler Name:	C&D ZODIAC - ONTARIO	
Handler Address:		1945 S. GROVE AVE.
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAD094130127
Contact Name:		SEAN GAGALANG
Contact Address:		S. GROVE AVE.
Contact City,State,Zip:		ONTARIO, CA 91761
Contact Telephone:		714-292-5092
Contact Fax:		Not reported
Contact Email:		SEAN.GAGALANG@ZODIACAEROSPACE.COM
Contact Title:		EHS COORDINATOR
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2011
Accessibility:		Not reported

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		S. GROVE AVE.
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	C&D ZODIAC	
Owner Type:		Private
Operator Name:	C&D ZODIAC	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20121106

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: C&D ZODIAC INC.

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Legal Status:	Private
Date Became Current:	20050715
Date Ended Current:	Not reported
Owner/Operator Address:	5701 BOLSA AVENUE
Owner/Operator City,State,Zip:	HUNTINGTON BEACH, CA 92647
Owner/Operator Telephone:	714-934-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: C AND D ZODIAC INCORPORATED	
Legal Status:	Private
Date Became Current:	20050801
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: C&D ZODIAC INC.	
Legal Status:	Private
Date Became Current:	20050715
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: C&D ZODIAC	
Legal Status:	Private
Date Became Current:	20050701
Date Ended Current:	Not reported
Owner/Operator Address:	5701 BOLSA AVE.
Owner/Operator City,State,Zip:	HUNTINGTON BEACH, CA 92647
Owner/Operator Telephone:	714-934-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: JAMES DOWNEY & HECTOR CARRION	
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Owner/Operator Indicator: Owner
Owner/Operator Name: C&D ZODIAC
Legal Status: Private
Date Became Current: 20050701
Date Ended Current: Not reported
Owner/Operator Address: 5701 BOLSA AVE.
Owner/Operator City,State,Zip: HUNTINGTON BEACH, CA 92647
Owner/Operator Telephone: 714-934-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: C AND D ZODIAC INCORPORATED
Legal Status: Private
Date Became Current: 20050801
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20100511
Handler Name: C&D ZODIAC - ONTARIO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120305
Handler Name: C&D ZODIAC - ONTARIO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19850923
Handler Name: PLASTIC MOLDING INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20061004
Handler Name: C AND D ZODIAC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	326199
NAICS Description:	ALL OTHER PLASTICS PRODUCT MANUFACTURING
NAICS Code:	331522
NAICS Description:	NONFERROUS (EXCEPT ALUMINUM) DIE-CASTING FOUNDRIES
NAICS Code:	336413
NAICS Description:	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110032746143

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

EMI:

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Name:	PLASTHEC MOLDING INC C & D PL
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 917610000
Year:	1987
County Code:	36
Air Basin:	SC
Facility ID:	52168
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PLASTHEC MOLDING INC C & D PLA
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 917610000
Year:	1990
County Code:	36
Air Basin:	SC
Facility ID:	52168
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17
Reactive Organic Gases Tons/Yr:	14
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	C & D PLASTICS
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 917610000
Year:	1993
County Code:	36
Air Basin:	SC
Facility ID:	52168
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	13
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: C & D PLASTICS
Address: 1945 S GROVE
City,State,Zip: ONTARIO, CA 917610000
Year: 1995
County Code: 36
Air Basin: SC
Facility ID: 52168
Air District Name: SC
SIC Code: 3089
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 13
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: C & D PLASTICS
Address: 1945 S GROVE
City,State,Zip: ONTARIO, CA 917610000
Year: 1996
County Code: 36
Air Basin: SC
Facility ID: 52168
Air District Name: SC
SIC Code: 3089
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: C & D PLASTICS
Address: 1945 S GROVE
City,State,Zip: ONTARIO, CA 917610000
Year: 1997
County Code: 36
Air Basin: SC
Facility ID: 52168
Air District Name: SC
SIC Code: 3089
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	C & D PLASTICS
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 917610000
Year:	1998
County Code:	36
Air Basin:	SC
Facility ID:	52168
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	C & D PLASTICS
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 917610000
Year:	1999
County Code:	36
Air Basin:	SC
Facility ID:	52168
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	C & D PLASTICS
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 917610000
Year:	2000
County Code:	36
Air Basin:	SC
Facility ID:	52168
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	C & D PLASTICS
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 917610000
Year:	2001
County Code:	36
Air Basin:	SC
Facility ID:	52168
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	C & D AEROSPACE-4/FLIGHT INDUSTRIES
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 917610000
Year:	2002
County Code:	36
Air Basin:	SC
Facility ID:	52168
Air District Name:	SC
SIC Code:	3728
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:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	C & D AEROSPACE-4/FLIGHT INDUSTRIES
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 917610000
Year:	2003
County Code:	36
Air Basin:	SC
Facility ID:	52168
Air District Name:	SC

C&D ZODIAC - ONTARIO (Continued) **1000388761**

SIC Code:	3728
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:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	C & D AEROSPACE-4/FLIGHT INDUSTRIES
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 917610000
Year:	2004
County Code:	36
Air Basin:	SC
Facility ID:	52168
Air District Name:	SC
SIC Code:	3728
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:	2.4588
Reactive Organic Gases Tons/Yr:	2.43
Carbon Monoxide Emissions Tons/Yr:	0.128
NOX - Oxides of Nitrogen Tons/Yr:	0.477
SOX - Oxides of Sulphur Tons/Yr:	0.00305
Particulate Matter Tons/Yr:	0.1615
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.12

Name:	C&D ZODIAC
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 917610000
Year:	2006
County Code:	36
Air Basin:	SC
Facility ID:	149343
Air District Name:	SC
SIC Code:	3720
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:	.8854613429795648138
Reactive Organic Gases Tons/Yr:	.809
Carbon Monoxide Emissions Tons/Yr:	.271
NOX - Oxides of Nitrogen Tons/Yr:	1.008
SOX - Oxides of Sulphur Tons/Yr:	.005
Particulate Matter Tons/Yr:	.096
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.09158

Name:	C&D ZODIAC
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 917610000
Year:	2007
County Code:	36

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Air Basin:	SC
Facility ID:	149343
Air District Name:	SC
SIC Code:	3720
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:	.8854613429795648138
Reactive Organic Gases Tons/Yr:	.809
Carbon Monoxide Emissions Tons/Yr:	.271
NOX - Oxides of Nitrogen Tons/Yr:	1.008
SOX - Oxides of Sulphur Tons/Yr:	.005
Particulate Matter Tons/Yr:	.096
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.09158

Name:	C&D ZODIAC
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 91761
Year:	2009
County Code:	36
Air Basin:	SC
Facility ID:	149343
Air District Name:	SC
SIC Code:	3728
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:	0.77386246198614705
Reactive Organic Gases Tons/Yr:	0.73999999999999999
Carbon Monoxide Emissions Tons/Yr:	0.13
NOX - Oxides of Nitrogen Tons/Yr:	0.48999999999999999
SOX - Oxides of Sulphur Tons/Yr:	2.2699999999999999E-3
Particulate Matter Tons/Yr:	5.9999999999999998E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.0574

Name:	C&D ZODIAC
Address:	1945 S GROVE
City,State,Zip:	ONTARIO, CA 91761
Year:	2013
County Code:	36
Air Basin:	SC
Facility ID:	149343
Air District Name:	SC
SIC Code:	3728
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:	0.23730413542
Reactive Organic Gases Tons/Yr:	0.23151725383
Carbon Monoxide Emissions Tons/Yr:	0.01185
NOX - Oxides of Nitrogen Tons/Yr:	0.04405
SOX - Oxides of Sulphur Tons/Yr:	0.0002
Particulate Matter Tons/Yr:	0.01671
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.0160162

Name:	C&D ZODIAC
Address:	1945 S GROVE

C&D ZODIAC - ONTARIO (Continued) **1000388761**

City,State,Zip:	ONTARIO, CA 91761
Year:	2018
County Code:	36
Air Basin:	SC
Facility ID:	149343
Air District Name:	SC
SIC Code:	3728
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:	0.16323116194
Reactive Organic Gases Tons/Yr:	0.133898553
Carbon Monoxide Emissions Tons/Yr:	0.111804
NOX - Oxides of Nitrogen Tons/Yr:	0.415272
SOX - Oxides of Sulphur Tons/Yr:	0.00191664
Particulate Matter Tons/Yr:	0.035831463
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.03521277648

NPDES:

Name:	ZODIAC AEROSPACE
Address:	1945 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 36I026499
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	08/03/2016
Operator Name:	CD Zodiac
Operator Address:	1945 S Grove Ave
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	460916
Order Number:	Not reported
Regulatory Measure Type:	Industrial

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Place ID:	Not reported
WDID:	8 36I026499
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	07/05/2016
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	03/04/2016
Processed Date:	03/17/2016
Status:	Terminated
Status Date:	08/03/2016
Place Size:	6.5
Place Size Unit:	Acres
Contact:	Daniel Garcia
Contact Title:	EHS Coordinator
Contact Phone:	909-947-4115
Contact Phone Ext:	283
Contact Email:	danny.garcia@zodiacaeorospace.com
Operator Name:	CD Zodiac
Operator Address:	1945 S Grove Ave
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761
Operator Contact:	Daniel Garcia
Operator Contact Title:	EHS Coordinator
Operator Contact Phone:	909-947-4115
Operator Contact Phone Ext:	283
Operator Contact Email:	danny.garcia@zodiacaerospace.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	951-207-1464
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Los Angeles River/Pacific Ocean.
Certifier:	Danny martin
Certifier Title:	VP GM
Certification Date:	04-MAR-16
Primary Sic:	3728-Aircraft Parts and Auxiliary Equipment, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Terminated
Agency Number:	0
Region:	8
Regulatory Measure ID:	460916
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36I026499
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/17/2016
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	07/05/2016
Discharge Name:	CD Zodiac
Discharge Address:	1945 S Grove Ave
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	91761
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

San Bern. Co. Permit:

Name:	SAFRAN CABIN INC.
Address:	1945 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0001634
Owner:	SAFRAN CABIN INC.
Permit Number:	PT0006256
Permit Category:	HAZARDOUS MATERIALS 11-30 CHEMICALS
Facility Status:	ACTIVE
Expiration Date:	11/30/2021

Name:	SAFRAN CABIN INC.
Address:	1945 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0001634
Owner:	SAFRAN CABIN INC.
Permit Number:	PT0006257
Permit Category:	SMALL QUANTITY GENERATOR
Facility Status:	ACTIVE
Expiration Date:	11/30/2021

Name:	PLASTHEC MOLDING, INC.
Address:	1945 S GROVE AVE

C&D ZODIAC - ONTARIO (Continued) **1000388761**

City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0005340
Owner: C & D AEROSPACE ONTARIO DIVISI
Permit Number: PT0007584
Permit Category: SPECIAL HANDLER
Facility Status: INACTIVE
Expiration Date: 05/31/2010

Name: PLASTHEC MOLDING, INC.
Address: 1945 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0005340
Owner: C & D AEROSPACE ONTARIO DIVISI
Permit Number: PT0007585
Permit Category: SPECIAL GENERATOR
Facility Status: INACTIVE
Expiration Date: 05/31/2010

WDS:
Name: 4 FLIGHT INDUSTRIES
Address: 1945 S Grove Ave
City: ONTARIO
Facility ID: Santa Ana River 36I018281
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: 9099472725
Facility Contact: John Conow
Agency Name: 4 FLIGHT INDUSTRIES
Agency Address: 1945 S Grove Ave
Agency City,St,Zip: Ontario 917615616
Agency Contact: John Conow
Agency Telephone: 9099472725
Agency Type: ?
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	ZODIAC AEROSPACE
Address:	1945 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Agency:	CD Zodiac
Agency Address:	1945 S Grove Ave, Ontario , CA 91761
Place/Project Type:	Industrial - Aircraft Parts and Auxiliary Equipment, NEC
SIC/NAICS:	3728
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 36I026499
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/17/2016
Termination Date:	07/05/2016
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.03805
Longitude:	-117.62729

Name:	4 FLIGHT INDUSTRIES
Address:	1945 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Agency:	4 Flight Industries
Agency Address:	1945 S Grove Ave, Ontario, CA 91761
Place/Project Type:	Industrial - Public Building and Related Furniture
SIC/NAICS:	2531
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 36I018281
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	07/30/2003

C&D ZODIAC - ONTARIO (Continued) **1000388761**

Termination Date:	01/31/2008
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.03857
Longitude:	-117.62851

I44 **PSIP EBS FRANCIS, LLC** **RCRA NonGen / NLR** **1027215623**
NNE **1945 S GROVE AVE** **CAC003180333**
< 1/8 **ONTARIO, CA 91761**
0.123 mi.
650 ft. **Site 2 of 4 in cluster I**

Relative: **Higher**
Actual: **865 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20220610
Handler Name:	PSIP EBS FRANCIS, LLC	
Handler Address:		1945 S GROVE AVE
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAC003180333
Contact Name:		JONATHAN WHEELER
Contact Address:		1300 BRISTOL ST., SUITE 290
Contact City,State,Zip:		NEWPORT BEACH, CA 92660
Contact Telephone:		909-947-9467
Contact Fax:		Not reported
Contact Email:		CGARCIA@AMERICAN-INTEGRATED.COMJADAMS
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1300 BRISTOL ST., SUITE 290
Mailing City,State,Zip:		NEWPORT BEACH, CA 92660
Owner Name:	PSIP EBS FRANCIS, LLC	
Owner Type:		Other
Operator Name:	JONATHAN WHEELER	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No

PSIP EBS FRANCIS, LLC (Continued) **1027215623**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220613
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PSIP EBS FRANCIS, LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1300 BRISTOL ST., SUITE 290
Owner/Operator City,State,Zip:	NEWPORT BEACH, CA 92660
Owner/Operator Telephone:	909-947-9467
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PSIP EBS FRANCIS, LLC (Continued) **1027215623**

Owner/Operator Indicator: Operator
Owner/Operator Name: JONATHAN WHEELER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1300 BRISTOL ST., SUITE 290
Owner/Operator City,State,Zip: NEWPORT BEACH, CA 92660
Owner/Operator Telephone: 909-947-9467
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220610
Handler Name: PSIP EBS FRANCIS, LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J45 **SUPERIOR POOL PRODUCTS, LLC** **San Bern. Co. Permit** **S106544665**
East **2127 S GREEN PRIVADO** **CERS** **N/A**
< 1/8 **ONTARIO, CA 91761**
0.124 mi.
655 ft. **Site 1 of 2 in cluster J**

Relative:
Lower

Actual:
854 ft.

San Bern. Co. Permit:
Name: SUPERIOR POOL PRODUCTS, LLC
Address: 2127 S GREEN PRIVADO
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0008634
Owner: SUPERIOR POOL PRODUCTS LLC
Permit Number: PT0014993
Permit Category: HAZARDOUS MATERIALS 11-30 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 08/31/2022

Name: SUPERIOR POOL PRODUCTS, LLC

SUPERIOR POOL PRODUCTS, LLC (Continued) **S106544665**

Address: 2127 S GREEN PRIVADO
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0008634
Owner: SUPERIOR POOL PRODUCTS LLC
Permit Number: PT0024483
Permit Category: CONDITIONALLY EXEMPT SM QTY GENERATOR
Facility Status: INACTIVE
Expiration Date: 08/31/2017

CERS:
Name: SUPERIOR POOL PRODUCTS, LLC
Address: 2127 S GREEN PRIVADO
City,State,Zip: ONTARIO, CA 91761
Site ID: 72589
CERS ID: 10048888
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 72589
Site Name: SUPERIOR POOL PRODUCTS, LLC
Violation Date: 11-17-2016
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 12/13/2016. Site map missing information.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 72589
Site Name: SUPERIOR POOL PRODUCTS, LLC
Violation Date: 12-16-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 02/07/2020. OBSERVATION: Two trailers used for the bulk storage of the chlorine and muriatic acid were found on the east side of the building along the properly line. This was not shown on the facility map in CERS. CORRECTIVE ACTION: Submit an update to the site map into CERS to show the location of the two trailers used to store muriatic acid and liquid chlorine.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2016
Violations Found: Yes

SUPERIOR POOL PRODUCTS, LLC (Continued) **S106544665**

Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-16-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ROUTINE GENERATOR INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 72589
Site Name: SUPERIOR POOL PRODUCTS, LLC
Site Address: 2127 S GREEN PRIVADO
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 11-17-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:
Site ID: 72589
Facility Name: SUPERIOR POOL PRODUCTS, LLC
Env Int Type Code: HMBP
Program ID: 10048888
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 34.036449
Longitude: -117.626289

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: Superior Pool Products, Llc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

SUPERIOR POOL PRODUCTS, LLC (Continued) **S106544665**

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: ANNETTE NIEMIEC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: ANNETTE NIEMIEC
Entity Title: EPA Government Relations Coordinator
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401,

Affiliation Type Desc: Environmental Contact
Entity Name: Annette Niemiec
Entity Title: Not reported
Affiliation Address: 109 NORTHPARK BLVD, SUITE 123
Affiliation City: COVINGTON
Affiliation State: LA
Affiliation Country: Not reported
Affiliation Zip: 70433
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2127 S GREEN PRIVADO
Affiliation City: ONTARIO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: SCP POOL CORPORATION
Entity Title: Not reported
Affiliation Address: 109 NORTHPARK BLVD, SUITE 400

SUPERIOR POOL PRODUCTS, LLC (Continued) **S106544665**

Affiliation City:	COVINGTON
Affiliation State:	LA
Affiliation Country:	United States
Affiliation Zip:	70433
Affiliation Phone:	(985) 892-5521,
Affiliation Type Desc:	Operator
Entity Name:	SUERIOR POOL PRODUCTS LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 923-3600,

K46 **POWER GRADE INC** **RCRA NonGen / NLR** **1024867256**
WNW **2009 S CUCAMONGA AVE** **CAL000435849**
< 1/8 **ONTARIO, CA 91761**
0.124 mi.
656 ft. **Site 1 of 2 in cluster K**

Relative: **Higher**

Actual: **861 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20180507
Handler Name:	POWER GRADE INC	
Handler Address:		2009 S CUCAMONGA AVE
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAL000435849
Contact Name:		CRAIG PERNOT
Contact Address:		2009 S CUCAMONGA AVE
Contact City,State,Zip:		ONTARIO, CA 91761
Contact Telephone:		909-226-5287
Contact Fax:		909-947-2191
Contact Email:		CRAIG@POWERGRADEINC.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2009 S CUCAMONGA AVE
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	POWER GRADE INC	
Owner Type:		Other
Operator Name:	CRAIG PERNOT	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No

POWER GRADE INC (Continued) **1024867256**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: POWER GRADE INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2009 S CUCAMONGA AVE

POWER GRADE INC (Continued) **1024867256**

Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-947-5191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: CRAIG PERNOT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2009 S CUCAMONGA AVE
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-226-5287
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180507
Handler Name: POWER GRADE INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	237130
NAICS Description:	POWER AND COMMUNICATION LINE AND RELATED STRUCTURES CONSTRUCTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

E47 **CALIFORNIA QUALITY PLASTICS** **NPDES** **S118589784**
WSW **2104 S CUCAMONGA AVE** **San Bern. Co. Permit** **N/A**
1/8-1/4 **ONTARIO, CA 91761** **CIWQS**
0.138 mi. **CERS**
729 ft. **Site 2 of 2 in cluster E**

Relative: **Lower**

Actual: **853 ft.**

NPDES:

Name:	CALIFORNIA QUALITY PLASTICS
Address:	2104 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported

CALIFORNIA QUALITY PLASTICS (Continued) **S118589784**

Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 36NEC001960
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	04/04/2016
Operator Name:	California Quality plastics
Operator Address:	2226 Castle Harbor Place South
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	470827
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 36NEC001960
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	03/22/2016
Processed Date:	04/04/2016
Status:	Active
Status Date:	04/04/2016
Place Size:	45650
Place Size Unit:	SqFt
Contact:	Javier Arevalo
Contact Title:	Production Control Manager
Contact Phone:	909-930-5535
Contact Phone Ext:	Not reported
Contact Email:	javier@calplastics.com
Operator Name:	California Quality plastics
Operator Address:	2226 Castle Harbor Place South
Operator City:	Ontario

CALIFORNIA QUALITY PLASTICS (Continued) **S118589784**

Operator State:	California
Operator Zip:	91761
Operator Contact:	Javier Arevalo
Operator Contact Title:	Production Control Manager
Operator Contact Phone:	909-930-5535
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	javier@calplastics.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Javier Arevalo
Certifier Title:	Plant Manager
Certification Date:	10-AUG-17
Primary Sic:	3089-Plastics Products, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	470827
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36NEC001960
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/04/2016
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported

CALIFORNIA QUALITY PLASTICS (Continued) **S118589784**

Discharge Name:	California Quality plastics
Discharge Address:	2226 Castle Harbor Place South
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	91761
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported

CALIFORNIA QUALITY PLASTICS (Continued) **S118589784**

Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	BELAIR CASES BUILDING
Address:	2104 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	Not reported
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Returned
Status Date:	12/03/2015
Operator Name:	California Quality Plastics
Operator Address:	2226 S Castle Harbour Pl
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761

Name:	CALIFORNIA QUALITY PLASTICS
Address:	2104 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Active
NPDES Number:	CAS000001
Region:	8
Agency Number:	0
Regulatory Measure ID:	470827
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 36NEC001960
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/04/2016
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2226 Castle Harbor Place South
Discharge Name:	California Quality plastics
Discharge City:	Ontario
Discharge State:	California

CALIFORNIA QUALITY PLASTICS (Continued) **S118589784**

Discharge Zip:	91761
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	470827
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 36NEC001960
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	03/22/2016
Processed Date:	04/04/2016
Status:	Active
Status Date:	04/04/2016
Place Size:	45650
Place Size Unit:	SqFt
Contact:	Javier Arevalo
Contact Title:	Production Control Manager
Contact Phone:	909-930-5535
Contact Phone Ext:	Not reported
Contact Email:	javier@calplastics.com
Operator Name:	California Quality plastics
Operator Address:	2226 Castle Harbor Place South
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761
Operator Contact:	Javier Arevalo
Operator Contact Title:	Production Control Manager
Operator Contact Phone:	909-930-5535
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	javier@calplastics.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported

CALIFORNIA QUALITY PLASTICS (Continued) **S118589784**

Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Javier Arevalo
Certifier Title:	Plant Manager
Certification Date:	10-AUG-17
Primary Sic:	3089-Plastics Products, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	470827
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36NEC001960
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/04/2016
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	California Quality plastics
Discharge Address:	2226 Castle Harbor Place South
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	91761
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported

CALIFORNIA QUALITY PLASTICS (Continued) **S118589784**

Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

San Bern. Co. Permit:

Name:	CALIFORNIA QUALITY PLASTICS
Address:	2104 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0018147
Owner:	CALCOTT, GEORGE REID
Permit Number:	PT0039234
Permit Category:	HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL

CALIFORNIA QUALITY PLASTICS (Continued) **S118589784**

Facility Status: ACTIVE
Expiration Date: 01/31/2022

CIWQS:

Name:	CALIFORNIA QUALITY PLASTICS
Address:	2104 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Agency:	California Quality plastics
Agency Address:	2226 Castle Harbor Place South, Ontario, CA 91761
Place/Project Type:	Industrial - Plastics Products, NEC
SIC/NAICS:	3089
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 36NEC001960
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/04/2016
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.03551
Longitude:	-117.63344

CERS:

Name:	CALIFORNIA QUALITY PLASTICS, DBA BELAIR CASE DIVISION
Address:	2104 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Site ID:	611065
CERS ID:	10777957
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	611065
Site Name:	CALIFORNIA QUALITY PLASTICS, DBA BELAIR CASE DIVISION
Violation Date:	01-20-2022
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	OBSERVATION: The facility has not submitted a hazardous materials business plan in the California Environmental Reporting System (CERS). This is a repeat violation from the 2018 inspection. CORRECTIVE ACTION: Submit an accurate and complete business plan in CERS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID: 611065

CALIFORNIA QUALITY PLASTICS (Continued) **S118589784**

Site Name:	CALIFORNIA QUALITY PLASTICS, DBA BELAIR CASE DIVISION
Violation Date:	11-27-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	OBSERVATION: Facility has not established and implemented a business plan. CORRECTIVE ACTION: Submit an accurate and complete business plan via CERS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	611065
Site Name:	CALIFORNIA QUALITY PLASTICS, DBA BELAIR CASE DIVISION
Violation Date:	11-27-2018
Citation:	Un-Specified
Violation Description:	Business Plan Program - Administration/Documentation - General Local Ordinance
Violation Notes:	Returned to compliance on 10/18/2021. Failure to obtain and maintain a CUPA Hazardous Materials Handler permit (SBCC 23.0602(a)) OBSERVATION: Facility stores hazardous materials above the reportable quantities (55 gallons for liquids, 500 pounds for solids, 200 cubic feet for compressed gases, and/or 1,000 cubic feet for inert gases) and has not obtained a current hazardous material handler permit with this Division. CORRECTIVE ACTION: Submit payment for all required permits upon receipt of the invoice.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	611065
Site Name:	CALIFORNIA QUALITY PLASTICS, DBA BELAIR CASE DIVISION
Violation Date:	01-20-2022
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	OBSERVATION: The facility has not established a hazardous materials business plan in the California Environmental Reporting System (CERS). This is a repeat violation from the 2018 inspection. CORRECTIVE ACTION: Establish and implement a complete business plan.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-20-2022
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,

CALIFORNIA QUALITY PLASTICS (Continued) **S118589784**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-27-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 611065
Facility Name: CALIFORNIA QUALITY PLASTICS, DBA BELAIR CASE DIVISION
Env Int Type Code: HMBP
Program ID: 10777957
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.035510
Longitude: -117.633430

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Rafael Villalobos
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Javier Arevalo
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (909) 938-1491,

Affiliation Type Desc: Environmental Contact
Entity Name: Javier Arevalo
Entity Title: Not reported
Affiliation Address: 2226 Castle Harbour pl S
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Reid Calcott
Entity Title: Not reported
Affiliation Address: rafa@calplastics.com
Affiliation City: Long Beach
Affiliation State: CA

CALIFORNIA QUALITY PLASTICS (Continued) **S118589784**

Affiliation Country: United States
Affiliation Zip: 90803
Affiliation Phone: (562) 597-4897,

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2226 Castle Harbour pl S
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Rafael Villalobos
Entity Title: Vice President of Manufacturing
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: CALIFORNIA QUALITY PLASTICS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: CALIFORNIA QUALITY PLASTICS
Address: 2104 S CUCAMONGA AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 528368
CERS ID: 845314
CERS Description: Industrial Facility Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: California Quality plastics
Entity Title: Operator
Affiliation Address: 2226 Castle Harbor Place South
Affiliation City: Ontario

CALIFORNIA QUALITY PLASTICS (Continued) **S118589784**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

K48 **HANCRETE PROD INC** **CERS HAZ WASTE** **S102040156**
WNW **2010 S CUCAMONGA AVE** **NPDES** **N/A**
1/8-1/4 **ONTARIO, CA 91761** **San Bern. Co. Permit**
0.140 mi. **WDS**
741 ft. **Site 2 of 2 in cluster K** **CIWQS**
CERS

Relative:
Higher

Actual:
859 ft.

CERS HAZ WASTE:
Name: HAN-CRETE PRODUCTS INC
Address: 2010 S CUCAMONGA AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 121463
CERS ID: 10040170
CERS Description: Hazardous Waste Generator

NPDES:
Name: HAN CRETE PROD INC
Address: 2010 S CUCAMONGA AVE
City,State,Zip: ONTARIO, CA 91761
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 8 36I012364
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 06/10/1996
Operator Name: Han Crete Product Inc
Operator Address: 2010 S Cucamonga Ave
Operator City: Ontario
Operator State: California
Operator Zip: 91761

NPDES as of 03/2018:
NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 8
Regulatory Measure ID: 213370

HANCRETE PROD INC (Continued) **S102040156**

Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 36I012364
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	06/10/1996
Status:	Active
Status Date:	06/10/1996
Place Size:	4.3
Place Size Unit:	Acres
Contact:	Jaime Huerta
Contact Title:	Manager
Contact Phone:	909-947-1543
Contact Phone Ext:	Not reported
Contact Email:	jaihu@verizon.net
Operator Name:	Han Crete Product Inc
Operator Address:	2010 S Cucamonga Ave
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761
Operator Contact:	John Muse
Operator Contact Title:	Not reported
Operator Contact Phone:	909-947-1543
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported

HANCRETE PROD INC (Continued) **S102040156**

Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	City Of Ontario Sewer
Certifier:	Jaime Huerta
Certifier Title:	Manager
Certification Date:	16-JUL-15
Primary Sic:	3271-Concrete Block and Brick
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	213370
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36I012364
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/10/1996
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Han Crete Product Inc
Discharge Address:	2010 S Cucamonga Ave
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	91761
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported

HANCRETE PROD INC (Continued) **S102040156**

Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	HAN CRETE PROD INC
Address:	2010 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Active
NPDES Number:	CAS000001
Region:	8
Agency Number:	0
Regulatory Measure ID:	213370
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 36I012364
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/10/1996
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2010 S Cucamonga Ave
Discharge Name:	Han Crete Product Inc
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	91761
Status:	Not reported

HANCRETE PROD INC (Continued) **S102040156**

Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	213370
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 36I012364
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	06/10/1996
Status:	Active
Status Date:	06/10/1996
Place Size:	4.3
Place Size Unit:	Acres
Contact:	Jaime Huerta
Contact Title:	Manager
Contact Phone:	909-947-1543
Contact Phone Ext:	Not reported
Contact Email:	jaihu@verizon.net
Operator Name:	Han Crete Product Inc
Operator Address:	2010 S Cucamonga Ave
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761
Operator Contact:	John Muse
Operator Contact Title:	Not reported
Operator Contact Phone:	909-947-1543
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported

HANCRETE PROD INC (Continued) **S102040156**

Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	City Of Ontario Sewer
Certifier:	Jaime Huerta
Certifier Title:	Manager
Certification Date:	16-JUL-15
Primary Sic:	3271-Concrete Block and Brick
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	213370
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36I012364
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/10/1996
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Han Crete Product Inc
Discharge Address:	2010 S Cucamonga Ave
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	91761
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported

HANCRETE PROD INC (Continued) **S102040156**

Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

San Bern. Co. Permit:

Name:	HAN-CRETE PRODUCTS INC
Address:	2010 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0003692
Owner:	HAN-CRETE PRODUCTS INC
Permit Number:	PT0016854
Permit Category:	CONDITIONALLY EXEMPT SM QTY GENERATOR
Facility Status:	ACTIVE
Expiration Date:	05/31/2022

HANCRETE PROD INC (Continued) **S102040156**

Name: HAN-CRETE PRODUCTS INC
Address: 2010 S CUCAMONGA AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0003692
Owner: HAN-CRETE PRODUCTS INC
Permit Number: PT0007973
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 05/31/2022

Name: HAN-CRETE PRODUCTS INC
Address: 2010 S CUCAMONGA AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0003692
Owner: HAN-CRETE PRODUCTS INC
Permit Number: PT0017579
Permit Category: WASTE-GENERATING RECYCLER (ONSITE)
Facility Status: INACTIVE
Expiration Date: 05/31/2019

WDS:
Name: HANCRETE PROD INC
Address: 2010 S Cucamonga Ave
City: ONTARIO
Facility ID: Santa Ana River 36I012364
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: 9099471543
Facility Contact: JOHN P MUSE
Agency Name: HANCRETE PROD INC
Agency Address: 2010 S Cucamonga Ave
Agency City,St,Zip: Ontario 917615607
Agency Contact: JAMIE HUERTA
Agency Telephone: 9099471543
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0

HANCRETE PROD INC (Continued) **S102040156**

Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	HAN CRETE PROD INC
Address:	2010 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Agency:	Han Crete Product Inc
Agency Address:	2010 S Cucamonga Ave, Ontario, CA 91761
Place/Project Type:	Industrial - Concrete Block and Brick
SIC/NAICS:	3271
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 36I012364
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	06/10/1996
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	2
Violations within 5 years:	2
Latitude:	34.03624
Longitude:	-117.63286

CERS:

Name:	HAN-CRETE PRODUCTS INC
Address:	2010 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Site ID:	121463
CERS ID:	10040170
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	121463
Site Name:	HAN-CRETE PRODUCTS INC
Violation Date:	12-01-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)

HANCRETE PROD INC (Continued) **S102040156**

Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/24/2016. The last Business Plan submitted with on paper in 2013. The plan is now required to be submitted on the California Environmental Reporting System (CERS) website. You are hereby given 30 days to complete and submit the plan on the CERS website.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	121463
Site Name:	HAN-CRETE PRODUCTS INC
Violation Date:	12-01-2015
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 08/07/2017. Failure to manage used oil lawfully (CHSC 25250.4) The company generates only a very small amount of waste oil, so they have been taking the waste oil to a local auto parts store for recycling. This practice is allowed but only if you keep a log book or record of how much oil was taken, where it was taken to, and on what date it was taken. This record must be maintained for 3 years. Submit a signed Certificate of Compliance to confirm compliance.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	121463
Site Name:	HAN-CRETE PRODUCTS INC
Violation Date:	02-10-2022
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	OBSERVATION: The used oil containers were observed without a hazardous waste labels. CORRECTIVE ACTION: Properly label all hazardous waste containers and submit a photograph demonstrating that the containers have been properly labeled.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	121463
Site Name:	HAN-CRETE PRODUCTS INC
Violation Date:	02-10-2022
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	OBSERVATION: The units listed for the resin and propane need to be

HANCRETE PROD INC (Continued) **S102040156**

update from pounds to gallons. The inventory was also rejected in 2019 due to a federal hazard class error. CORRECTIVE ACTION: Submit an updated hazardous materials inventory in CERS.

Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 121463
Site Name: HAN-CRETE PRODUCTS INC
Violation Date: 02-06-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 03/02/2019. OBSERVATION: The CERS business plan was last updated and submitted in August 2016. The plan must be updated and submitted yearly by March 1st. CORRECTIVE ACTION: Update and submit the plan within 30 days. Ensure that the quantity of form oil is updated to 220 gallons and that the urethane is updated from pounds to gallons.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 121463
Site Name: HAN-CRETE PRODUCTS INC
Violation Date: 12-01-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 08/07/2017. Failure to note accumulation start date on labels (CCR 66262.34(f)(2)) The waste oil containers were also missing the accumulation start dates.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 121463
Site Name: HAN-CRETE PRODUCTS INC
Violation Date: 12-01-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 08/07/2017. Failure to complete hazardous waste labels (CCR 66262.34(f)(3)) There are two 5 gallon waste oil containers (provided by Oily Cat) used to store waste oil generated from changing oil in 3 company vehicles. The containers have hazardous waste labels but they are missing the required generator information. Complete all the required information on the labels.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 121463
Site Name: HAN-CRETE PRODUCTS INC
Violation Date: 02-10-2022

HANCRETE PROD INC (Continued) **S102040156**

Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: OBSERVATION: The CERS hazardous materials inventory was last submitted on 3/2/2019. The site is due for an update by 3/2/2022. CORRECTIVE ACTION: Review and submit an annual update to your CERS account.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HWRecycler
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-01-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Routine inspection
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-10-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-01-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Routine inspection
Eval Division: San Bernardino County Fire Department
Eval Program: HWRecycler
Eval Source: CERS,

HANCRETE PROD INC (Continued) **S102040156**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-10-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-01-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Routine inspection
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 121463
Site Name: HAN-CRETE PRODUCTS INC
Site Address: 2010 S CUCAMONGA AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 12-01-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 121463
Site Name: HAN-CRETE PRODUCTS INC
Site Address: 2010 S CUCAMONGA AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 12-01-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 121463

HANCRETE PROD INC (Continued) **S102040156**

Facility Name: HAN-CRETE PRODUCTS INC
Env Int Type Code: HMBP
Program ID: 10040170
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 34.037033
Longitude: -117.634010

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401,

Affiliation Type Desc: Environmental Contact
Entity Name: JAIME HUERTA
Entity Title: Not reported
Affiliation Address: 2010 S CUCAMONGA AVE
Affiliation City: ONTARIO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: HAN-CRETE PRODUCTS INC
Entity Title: Not reported
Affiliation Address: 2010 S CUCAMONGA AVE
Affiliation City: ONTARIO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91761
Affiliation Phone: (909) 947-1543,

Affiliation Type Desc: Operator
Entity Name: Han-Crete Products, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (909) 947-1543,

Affiliation Type Desc: Parent Corporation
Entity Name: HAN-CRETE PRODUCTS INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

HANCRETE PROD INC (Continued) **S102040156**

Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2010 SOUTH CUCAMONGA AVE
Affiliation City: ONTARIO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Jaime Huerta
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: HAN CRETE PROD INC
Address: 2010 S CUCAMONGA AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 533378
CERS ID: 229571
CERS Description: Industrial Facility Storm Water

Violations:

Site ID: 533378
Site Name: Han Crete Prod Inc
Violation Date: 07-16-2016
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failure to submit 2015 - 2016 Annual Report by due date
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 533378
Site Name: Han Crete Prod Inc
Violation Date: 07-16-2019
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failure to submit 2018-2019 Annual Report by 7/15/2019 due date.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 533378
Site Name: Han Crete Prod Inc
Violation Date: 07-01-2014
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: 2013-2014 annual report was not received on 7/1/2014. First Notice of Non-Compliance is sent out on 8/7/2014 via certified mail, with return

HANCRETE PROD INC (Continued) **S102040156**

receipt, along with a regular mail as a copy to owner's address.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 533378
Site Name: Han Crete Prod Inc
Violation Date: 07-29-2010
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: 2009-2010 Annual Report was not received by July 1, 2010. Certified letter was sent to facility address to John Muse the carbon copy of the letter was sent to the owner, JAMIE Huerta. Both letters were sent out on 7/29/2010.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 533378
Site Name: Han Crete Prod Inc
Violation Date: 07-01-2013
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failure to submit Annual Report for the reporting year 2012-2013 by July 1, 2013. Annual Report 2012-2013 1st Notice of Non-Compliance was sent out on July 31, 2013.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 533378
Site Name: Han Crete Prod Inc
Violation Date: 07-25-2011
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: 2010-2011 Annual Report non-submission: Annual report was received by the Regional Board or the State Board by 07/01/2011. 1st Notice of Non-Compliance sent out to facility address, and a copy letter sent to the owner, provided in the SMARTS database, on 07/25/2011.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-11-2015
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Facility manufactures tile for pools and pool decks. One sampling point for site @ front where flow combines. Staff provided WDID #, Web page, and SCN for recertification. SWPPP, dated 2004 was present at the site. Facility stated that it will be updated with the new permit re-certification. This is a small scale family run operation.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

HANCRETE PROD INC (Continued) **S102040156**

Enforcement Action:

Site ID:	533378
Site Name:	Han Crete Prod Inc
Site Address:	2010 S CUCAMONGA AVE
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	07-25-2011
Enf Action Type:	Industrial Storm Water Enforcement
Enf Action Description:	Industrial Storm Water Enforcement
Enf Action Notes:	2010-2011 Annual Report non-submission: Annual report was received by the Regional Board or the State Board by 07/01/2011. 1st Notice of Non-Compliance sent out to facility address, and a copy letter sent to the owner, provided in the SMARTS database, on 07/25/2011.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

Site ID:	533378
Site Name:	Han Crete Prod Inc
Site Address:	2010 S CUCAMONGA AVE
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	07-29-2010
Enf Action Type:	Industrial Storm Water Enforcement
Enf Action Description:	Industrial Storm Water Enforcement
Enf Action Notes:	2009-2010 Annual Report was not received by July 1, 2010. Certified letter was sent to facility address to John Muse the carbon copy of the letter was sent to the owner, JAMIE Huerta. Both letters were sent out on 7/29/2010.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

Site ID:	533378
Site Name:	Han Crete Prod Inc
Site Address:	2010 S CUCAMONGA AVE
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	07-31-2013
Enf Action Type:	Industrial Storm Water Enforcement
Enf Action Description:	Industrial Storm Water Enforcement
Enf Action Notes:	Site has not submitted the 2012-2013 annual report by 07/01/2013. - 1st Notice of Non-Compliance sent on 07/31/2013, via certified mail to facility, CC to owner.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

Site ID:	533378
Site Name:	Han Crete Prod Inc
Site Address:	2010 S CUCAMONGA AVE
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	08-01-2016
Enf Action Type:	Industrial Storm Water Enforcement
Enf Action Description:	Industrial Storm Water Enforcement
Enf Action Notes:	Failure to submit 2015-2016 Annual Report by 07/15/2016 due date.

HANCRETE PROD INC (Continued) **S102040156**

Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Site ID: 533378
Site Name: Han Crete Prod Inc
Site Address: 2010 S CUCAMONGA AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 08-07-2014
Enf Action Type: Industrial Storm Water Enforcement
Enf Action Description: Industrial Storm Water Enforcement
Enf Action Notes: 2013-2014 annual report was not received on 7/1/2014. First Notice of Non-Compliance is sent out on 8/7/2014 via certified mail, with return receipt, along with a regular mail as a copy to owner's address.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Site ID: 533378
Site Name: Han Crete Prod Inc
Site Address: 2010 S CUCAMONGA AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 08-08-2019
Enf Action Type: Industrial Storm Water Enforcement
Enf Action Description: Industrial Storm Water Enforcement
Enf Action Notes: Failure to submit 2018-19 Annual Report by July 15, 2019 due date.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Site ID: 533378
Site Name: Han Crete Prod Inc
Site Address: 2010 S CUCAMONGA AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 09-07-2016
Enf Action Type: Industrial Storm Water Enforcement
Enf Action Description: Industrial Storm Water Enforcement
Enf Action Notes: Failure to submit 2015-2016 Annual Report by 1st Notice of Non-Compliance due date, August 1, 2016.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Han Crete Product Inc
Entity Title: Operator
Affiliation Address: 2010 S Cucamonga Ave
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

I49 **ART'S FORKLIFT REPAIR INC** **CERS HAZ WASTE** **S104024856**
NNE **1948 S GROVE AVE** **HAZNET** **N/A**
1/8-1/4 **ONTARIO, CA 91761** **San Bern. Co. Permit**
0.141 mi. **CERS**
744 ft. **Site 3 of 4 in cluster I**

Relative:
Higher

Actual:
866 ft.

CERS HAZ WASTE:
Name: ART'S FORKLIFT REPAIR, INC.
Address: 1948 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 385454
CERS ID: 10035748
CERS Description: Hazardous Waste Generator

HAZNET:
Name: ART'S FORKLIFT REPAIR INC
Address: 1948 S GROVE AVE
Address 2: Not reported
City,State,Zip: ONTARIO, CA 917610000
Contact: ART PEREZ JR.
Telephone: 9099300047
Mailing Name: Not reported
Mailing Address: 1948 S GROVE AVE

Year: 2019
Gepaid: CAL000260260
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15000

San Bern. Co. Permit:
Name: ART'S FORKLIFT REPAIR, INC.
Address: 1948 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0001139
Owner: Bertha A Perez
Permit Number: PT0009717
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: ACTIVE
Expiration Date: 08/31/2022

Name: ART'S FORKLIFT REPAIR, INC.
Address: 1948 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0001139
Owner: Bertha A Perez
Permit Number: PT0018393
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 08/31/2022

CERS:
Name: ART'S FORKLIFT REPAIR, INC.

ART'S FORKLIFT REPAIR INC (Continued) **S104024856**

Address: 1948 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 385454
CERS ID: 10035748
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 385454
Site Name: ART'S FORKLIFT REPAIR, INC.
Violation Date: 07-15-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 10/10/2016. The last complete CERS submittal was on 05/24/13.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 385454
Site Name: ART'S FORKLIFT REPAIR, INC.
Violation Date: 07-15-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/10/2016. Failure to keep hazardous waste containers closed when not in active use (CCR 66265.173(a)) Waste acid was observed in (5) open 5 gallon drums.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 385454
Site Name: ART'S FORKLIFT REPAIR, INC.
Violation Date: 07-15-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 10/10/2016. The site map submitted on CERS was missing adjacent streets and north orientation.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 385454
Site Name: ART'S FORKLIFT REPAIR, INC.
Violation Date: 07-15-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/10/2016. Failure to operate and maintain facility to prevent a fire, spill or release (CCR 66265.31) Waste acid was observed in (5) open 5 gallon drums.
Violation Division: San Bernardino County Fire Department

ART'S FORKLIFT REPAIR INC (Continued) **S104024856**

Violation Program: HW
Violation Source: CERS,

Site ID: 385454
Site Name: ART'S FORKLIFT REPAIR, INC.
Violation Date: 07-15-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/10/2016. Failure to note accumulation start date on labels (CCR 66262.34(f)(2)) The accumulation start date was not legible on any hazardous waste container.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 385454
Site Name: ART'S FORKLIFT REPAIR, INC.
Violation Date: 07-15-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/10/2016. Failure to label hazardous waste containers (CCR 66262.34(f)(3)) (1) 55 gallon drum of used oil did not have a hazardous waste label.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 385454
Site Name: ART'S FORKLIFT REPAIR, INC.
Violation Date: 09-23-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 09/26/2019. OBSERVATION: The hazardous materials inventory needs to be updated. Add used oil filters, absorbent waste, coolant waste and the parts washer waste. CORRECTIVE ACTION: Submit an accurate and complete hazardous materials inventory via CERS.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 385454
Site Name: ART'S FORKLIFT REPAIR, INC.
Violation Date: 07-15-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/10/2016. Failure to complete hazardous waste labels (CCR 66262.34(f)(3)) (1) 55 gallon drum of used oil did not have a hazardous waste label. (2) 55 gallon drums of used oil had labels that were not legible.
Violation Division: San Bernardino County Fire Department

ART'S FORKLIFT REPAIR INC (Continued) **S104024856**

Violation Program: HW
Violation Source: CERS,

Site ID: 385454
Site Name: ART'S FORKLIFT REPAIR, INC.
Violation Date: 09-23-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 09/26/2019. It was found on the business activities page that it was marked "yes" to treating hazardous waste. Mark "no" to this activity to prevent new permits being added to the account in error. CORRECTIVE ACTION: Submit the updated business plan information into the California Environmental Reporting System (CERS).
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 385454
Site Name: ART'S FORKLIFT REPAIR, INC.
Violation Date: 07-15-2016
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 10/10/2016. The business ownership change that happened earlier this year was not updated on CERS.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-23-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-15-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

ART'S FORKLIFT REPAIR INC (Continued) **S104024856**

Eval Date: 07-15-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE GENERATOR INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-23-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 385454
Site Name: ART'S FORKLIFT REPAIR, INC.
Site Address: 1948 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 07-15-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 385454
Site Name: ART'S FORKLIFT REPAIR, INC.
Site Address: 1948 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 07-15-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 385454
Facility Name: ART'S FORKLIFT REPAIR, INC.
Env Int Type Code: HMBP
Program ID: 10035748
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 34.038662
Longitude: -117.628914

Affiliation:
Affiliation Type Desc: Property Owner

ART'S FORKLIFT REPAIR INC (Continued) **S104024856**

Entity Name:	Bertha A. Perez
Entity Title:	Not reported
Affiliation Address:	325 E Philadelphia St
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(909) 772-6537,
Affiliation Type Desc:	Parent Corporation
Entity Name:	ART'S FORKLIFT REPAIR, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Arturo Perez
Entity Title:	Not reported
Affiliation Address:	1948 SOUTH GROVE AVE
Affiliation City:	ONTARIO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91761
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,
Affiliation Type Desc:	Document Preparer
Entity Name:	Arturo Perez
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1948 SOUTH GROVE AVE
Affiliation City:	ONTARIO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91761

ART'S FORKLIFT REPAIR INC (Continued) **S104024856**

Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	BERTHA PEREZ
Entity Title:	Owner/Operator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Bertha A Perez
Entity Title:	Not reported
Affiliation Address:	1948 S GROVE AVE
Affiliation City:	ONTARIO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(909) 930-0047,
Affiliation Type Desc:	Operator
Entity Name:	BERTHA PEREZ
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 772-6537,

I50 **ART'S FORKLIFT REPAIR INC** **RCRA NonGen / NLR** **1024804819**
NNE **1948 S GROVE AVE** **CAL000260260**
1/8-1/4 **ONTARIO, CA 91761**
0.141 mi.
744 ft. **Site 4 of 4 in cluster I**

Relative: **Higher**

Actual: **866 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20021003
Handler Name:	ART'S FORKLIFT REPAIR INC
Handler Address:	1948 S GROVE AVE
Handler City,State,Zip:	ONTARIO, CA 91761
EPA ID:	CAL000260260
Contact Name:	ART PEREZ JR.
Contact Address:	1948 S GROVE AVE
Contact City,State,Zip:	ONTARIO, CA 91761
Contact Telephone:	909-930-0047
Contact Fax:	909-930-1957
Contact Email:	JR@ARTSFORKLIFTREPAIR.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

ART'S FORKLIFT REPAIR INC (Continued) **1024804819**

Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1948 S GROVE AVE
Mailing City,State,Zip:		ONTARIO, CA 91761-0000
Owner Name:	BERTHA A. PEREZ	
Owner Type:		Other
Operator Name:	ART PEREZ JR.	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20180905

ART'S FORKLIFT REPAIR INC (Continued) **1024804819**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: BERTHA A. PEREZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1948 S GROVE AVE
Owner/Operator City,State,Zip:	ONTARIO, CA 91761-0000
Owner/Operator Telephone:	909-930-0047
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: ART PEREZ JR.	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1948 S GROVE AVE
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-930-0047
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20021003
Handler Name: ART'S FORKLIFT REPAIR INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	333924
NAICS Description:	INDUSTRIAL TRUCK, TRACTOR, TRAILER, AND STACKER MACHINERY MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

ART'S FORKLIFT REPAIR INC (Continued) **1024804819**

Evaluation Action Summary:
Evaluations: No Evaluations Found

J51 **JD FINISHING** **San Bern. Co. Permit** **S104767351**
ENE **1351 E CHIEF PRIVADO** **WDS** **N/A**
1/8-1/4 **ONTARIO, CA 91761** **CIWQS**
0.141 mi. **CERS**
746 ft. **Site 2 of 2 in cluster J**

Relative:
Higher

Actual:
856 ft.

San Bern. Co. Permit:
Name: EMPIRE INTERNATIONAL
Address: 1351 E CHIEF PRIVADO
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0008192
Owner: FIRST INDO AMERICAN CORP
Permit Number: PT0014352
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: ACTIVE
Expiration Date: 03/31/2022

Name: J.D. MILLING & FINISHING
Address: 1351 E CHIEF PRIVADO
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0004104
Owner: ADAMS, JACK D.
Permit Number: PT0000735
Permit Category: SPECIAL GENERATOR
Facility Status: INACTIVE
Expiration Date: 10/31/2003

Name: J.D. MILLING & FINISHING
Address: 1351 E CHIEF PRIVADO
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0004104
Owner: ADAMS, JACK D.
Permit Number: PT0000734
Permit Category: SPECIAL HANDLER
Facility Status: INACTIVE
Expiration Date: 10/31/2003

WDS:
Name: JD FINISHING
Address: 1351 E Chief Privado
City: ONTARIO
Facility ID: Santa Ana River 36I015755
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

JD FINISHING (Continued) **S104767351**

NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	8
Facility Telephone:	9099301666
Facility Contact:	JACK ADAMS
Agency Name:	J. D. FINISHING
Agency Address:	1351 E Chief Privado
Agency City,St,Zip:	Ontario 917615679
Agency Contact:	JACK ADAMS
Agency Telephone:	9099301666
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	JD FINISHING
Address:	1351 E CHIEF PRIVADO
City,State,Zip:	ONTARIO, CA 91761
Agency:	JD Finishing
Agency Address:	1351 E Chief Privado, Ontario, CA 91761
Place/Project Type:	Industrial - Millwork
SIC/NAICS:	2431
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 36I015755
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/25/2000
Termination Date:	11/30/2002
Expiration/Review Date:	Not reported
Design Flow:	Not reported

JD FINISHING (Continued) **S104767351**

Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.03696
Longitude:	-117.62757

CERS:

Name:	EMPIRE INTERNATIONAL
Address:	1351 E CHIEF PRIVADO
City,State,Zip:	ONTARIO, CA 91761
Site ID:	114461
CERS ID:	10048174
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	114461
Site Name:	EMPIRE INTERNATIONAL
Violation Date:	07-21-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/21/2016. The Emergency Response Plan is not complete.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	114461
Site Name:	EMPIRE INTERNATIONAL
Violation Date:	07-21-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 09/21/2016. The most recent CERS submittal was on 09/05/2013.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-21-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	ROUTINE HANDLER INSPECTION
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-15-2019

JD FINISHING (Continued) **S104767351**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 114461
Site Name: EMPIRE INTERNATIONAL
Site Address: 1351 E CHIEF PRIVADO
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 07-21-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:
Site ID: 114461
Facility Name: EMPIRE INTERNATIONAL
Env Int Type Code: HMBP
Program ID: 10048174
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 34.037197
Longitude: -117.626328

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: SUNARTO RUSKI
Entity Title: Not reported
Affiliation Address: 1351 E CHIEF PRIVADO
Affiliation City: ONTARIO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1351 E CHIEF PRIVADO
Affiliation City: ONTARIO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: FIRST INDO AMERICAN CORP
Entity Title: Not reported
Affiliation Address: 1351 E CHIEF PRIVADO

JD FINISHING (Continued) **S104767351**

Affiliation City:	ONTARIO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(909) 923-8588,
Affiliation Type Desc:	Operator
Entity Name:	SUNARTO RUSKI
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 922-6750,
Affiliation Type Desc:	Document Preparer
Entity Name:	Sunarto Ruski
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	EMPIRE INTERNATIONAL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	First Indo-American Corp.
Entity Title:	Not reported
Affiliation Address:	1351 E CHIEF PRIVADO
Affiliation City:	ONTARIO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(909) 923-8588,
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,
Affiliation Type Desc:	Identification Signer

JD FINISHING (Continued) **S104767351**

Entity Name:	SUNARTO RUSKI
Entity Title:	VP
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

L52 **KUDER ENGINEERING INC** **RCRA NonGen / NLR** **1024794457**
SW **2155 S CUCAMONGA** **CAL000148233**
1/8-1/4 **ONTARIO, CA 91761**
0.144 mi.
760 ft. **Site 1 of 2 in cluster L**

Relative: **Lower**

Actual: **847 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		19941118
Handler Name:	KUDER ENGINEERING INC	
Handler Address:		2155 S CUCAMONGA
Handler City,State,Zip:		ONTARIO, CA 91761-0000
EPA ID:		CAL000148233
Contact Name:		BRIAN KUDER
Contact Address:		2155 S CUCAMONGA AVE
Contact City,State,Zip:		ONTARIO, CA 91761
Contact Telephone:		909-947-4103
Contact Fax:		909-947-0997
Contact Email:		KEIONT@MSN.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2155 S CUCAMONGA AVE
Mailing City,State,Zip:		ONTARIO, CA 91761-0000
Owner Name:	ALRED KUDER	
Owner Type:		Other
Operator Name:	BRIAN KUDER	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported

KUDER ENGINEERING INC (Continued) **1024794457**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: BRIAN KUDER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2155 S CUCAMONGA AVE
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-947-4103
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

KUDER ENGINEERING INC (Continued) **1024794457**

Owner/Operator Name: ALRED KUDER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2155 S CUCAMONGA AVE
Owner/Operator City,State,Zip: ONTARIO, CA 91761-0000
Owner/Operator Telephone: 909-947-4103
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19941118
Handler Name: KUDER ENGINEERING INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L53 **KUDER ENGINEERING INC** **CERS HAZ WASTE** **S102040238**
SW **2155 S CUCAMONGA AVE** **NPDES** **N/A**
1/8-1/4 **ONTARIO, CA 91761** **San Bern. Co. Permit**
0.144 mi. **CIWQS**
760 ft. **Site 2 of 2 in cluster L** **CERS**

Relative:
Lower

Actual:
847 ft.

CERS HAZ WASTE:
Name: KUDER ENGINEERING INC
Address: 2155 S CUCAMONGA AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 515698
CERS ID: 10041238
CERS Description: Hazardous Waste Generator

NPDES:
Name: KUDER ENGINEERING INC
Address: 2155 SOUTH CUCAMONGA AVE
City,State,Zip: ONTARIO, CA
Facility Status: Not reported

KUDER ENGINEERING INC (Continued) **S102040238**

NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 36NEC001526
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	11/17/2015
Operator Name:	Kuder Engineering Inc
Operator Address:	2155 South Cucamonga Ave
Operator City:	Ontario
Operator State:	California
Operator Zip:	92880

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	466763
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36NEC001526
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/17/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Kuder Engineering Inc
Discharge Address:	2155 South Cucamonga Ave
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	92880
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported

KUDER ENGINEERING INC (Continued) **S102040238**

Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	466763
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 36NEC001526
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported

KUDER ENGINEERING INC (Continued) **S102040238**

Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	11/12/2015
Processed Date:	11/17/2015
Status:	Active
Status Date:	11/17/2015
Place Size:	7000
Place Size Unit:	SqFt
Contact:	Brian Kuder
Contact Title:	President
Contact Phone:	909-947-4103
Contact Phone Ext:	Not reported
Contact Email:	keiont@msn.com
Operator Name:	Kuder Engineering Inc
Operator Address:	2155 South Cucamonga Ave
Operator City:	Ontario
Operator State:	California
Operator Zip:	92880
Operator Contact:	Brian Kuder
Operator Contact Title:	President
Operator Contact Phone:	909-947-4103
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	keiont@msn.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	909-261-3068
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported

KUDER ENGINEERING INC (Continued) **S102040238**

Certifier:	Brian Kuder
Certifier Title:	President
Certification Date:	05-OCT-16
Primary Sic:	3549-Metalworking Machinery, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	KUDER ENGINEERING INC
Address:	2155 SOUTH CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 36NEC006051
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	02/07/2020
Operator Name:	Kuder Engineering Inc
Operator Address:	2155 South Cucamonga Ave
Operator City:	Ontario
Operator State:	California
Operator Zip:	92880

Name:	KUDER ENGINEERING INC
Address:	2155 SOUTH CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA
Facility Status:	Terminated
NPDES Number:	CAS000001
Region:	8
Agency Number:	0
Regulatory Measure ID:	466763
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 36NEC001526
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/17/2015
Termination Date Of Regulatory Measure:	10/23/2019
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2155 South Cucamonga Ave
Discharge Name:	Kuder Engineering Inc

KUDER ENGINEERING INC (Continued) **S102040238**

Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	92880
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	466763
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36NEC001526
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/17/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Kuder Engineering Inc
Discharge Address:	2155 South Cucamonga Ave
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	92880
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported

KUDER ENGINEERING INC (Continued) **S102040238**

Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	466763
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 36NEC001526
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	11/12/2015
Processed Date:	11/17/2015
Status:	Active
Status Date:	11/17/2015
Place Size:	7000
Place Size Unit:	SqFt
Contact:	Brian Kuder
Contact Title:	President

KUDER ENGINEERING INC (Continued) **S102040238**

Contact Phone:	909-947-4103
Contact Phone Ext:	Not reported
Contact Email:	keiont@msn.com
Operator Name:	Kuder Engineering Inc
Operator Address:	2155 South Cucamonga Ave
Operator City:	Ontario
Operator State:	California
Operator Zip:	92880
Operator Contact:	Brian Kuder
Operator Contact Title:	President
Operator Contact Phone:	909-947-4103
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	keiont@msn.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	909-261-3068
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Brian Kuder
Certifier Title:	President
Certification Date:	05-OCT-16
Primary Sic:	3549-Metalworking Machinery, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	KUDER ENGINEERING INC
Address:	2155 SOUTH CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Active
NPDES Number:	CAS000001
Region:	8
Agency Number:	0

KUDER ENGINEERING INC (Continued) **S102040238**

Regulatory Measure ID:	517284
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 36NEC006051
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/07/2020
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2155 South Cucamonga Ave
Discharge Name:	Kuder Engineering Inc
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	92880
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

San Bern. Co. Permit:

Name:	KUDER ENGINEERING INC
Address:	2155 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0004307
Owner:	KUDER ENGINEERING INC
Permit Number:	PT0007444
Permit Category:	SMALL QUANTITY GENERATOR
Facility Status:	ACTIVE
Expiration Date:	05/31/2022

Name:	KUDER ENGINEERING INC
Address:	2155 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0004307
Owner:	KUDER ENGINEERING INC
Permit Number:	PT0020481
Permit Category:	HAZARDOUS MATERIALS 1-3 CHEMICALS
Facility Status:	ACTIVE
Expiration Date:	05/31/2022

CIWQS:

Name:	KUDER ENGINEERING INC
Address:	2155 SOUTH CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA
Agency:	Kuder Engineering Inc
Agency Address:	2155 South Cucamonga Ave, Ontario, CA 92880
Place/Project Type:	Industrial - Metalworking Machinery, NEC
SIC/NAICS:	3549
Region:	8
Program:	INDSTW

KUDER ENGINEERING INC (Continued) **S102040238**

Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 36NEC001526
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	11/17/2015
Termination Date:	10/23/2019
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	1
Violations within 5 years:	1
Latitude:	34.02079
Longitude:	-117.62512

Name:	KUDER ENGINEERING INC
Address:	2155 SOUTH CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Agency:	Kuder Engineering Inc
Agency Address:	2155 South Cucamonga Ave, Ontario, CA 92880
Place/Project Type:	Industrial - Aircraft Parts and Auxiliary Equipment, NEC
SIC/NAICS:	3728
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 36NEC006051
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	02/07/2020
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.03449
Longitude:	-117.63235

CERS:

Name:	KUDER ENGINEERING INC
Address:	2155 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Site ID:	515698
CERS ID:	10041238
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	515698
Site Name:	KUDER ENGINEERING INC
Violation Date:	12-11-2017

KUDER ENGINEERING INC (Continued) **S102040238**

Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/14/2019. It was found that the plan submitted in July 2017 was missing the hazardous waste inventory, map and emergency response plan. Ensure that these are submitted.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 515698
Site Name: KUDER ENGINEERING INC
Violation Date: 02-05-2021
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 03/05/2021. OBSERVATION: A 55-gallon drum of waste EDM filters was observed stored on site for longer than 180 days. CORRECTIVE ACTION: Submit a copy of a waste manifest showing the removal of the waste EDM filters.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 515698
Site Name: KUDER ENGINEERING INC
Violation Date: 02-05-2021
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: OBSERVATION: Hazardous materials were observed on site during the inspection that are not listed in the most current CERS inventory or are listed in lesser quantities. CORRECTIVE ACTION: Submit a signed statement that the Business Plan inventory has been updated in CERS.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

KUDER ENGINEERING INC (Continued) **S102040238**

Site ID: 515698
Site Name: KUDER ENGINEERING INC
Violation Date: 09-10-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 06/14/2019. The Business Plan was last updated and submitted on 6/20/2013 on the CERS website. Update the Business Plan and submit it on the CERS website within 30 days.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-10-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Routine inspection
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-10-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Routine inspection
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

KUDER ENGINEERING INC (Continued) **S102040238**

Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 515698
Site Name: KUDER ENGINEERING INC
Site Address: 2155 S CUCAMONGA AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 09-10-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:
Site ID: 515698
Facility Name: KUDER ENGINEERING INC
Env Int Type Code: HMBP
Program ID: 10041238
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 34.034424
Longitude: -117.632423

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Brian Kuder
Entity Title: Not reported
Affiliation Address: 2155 S CUCAMONGA AVE
Affiliation City: ONTARIO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: KUDER ENGINEERING INC
Entity Title: Not reported
Affiliation Address: 2155 S. CUCAMONGA AVE.
Affiliation City: ONTARIO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91761

KUDER ENGINEERING INC (Continued) **S102040238**

Affiliation Phone:	(909) 947-4103,
Affiliation Type Desc:	Property Owner
Entity Name:	HANNELORE KUDER
Entity Title:	Not reported
Affiliation Address:	2155 S. CUCAMONGA AVE
Affiliation City:	ONTARIO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(909) 947-4103,
Affiliation Type Desc:	Operator
Entity Name:	Brian Kuder
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 261-3068,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2155 S CUCAMONGA AVE
Affiliation City:	ONTARIO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91761
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	BRIAN KUDER
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	KUDER ENGINEERING INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino

KUDER ENGINEERING INC (Continued) **S102040238**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,
Affiliation Type Desc:	Document Preparer
Entity Name:	Brian Kuder
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Name:	KUDER ENGINEERING INC
Address:	2155 SOUTH CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Site ID:	584338
CERS ID:	879205
CERS Description:	Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Kuder Engineering Inc
Entity Title:	Operator
Affiliation Address:	2155 South Cucamonga Ave
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92880
Affiliation Phone:	,

M54 **FREEDOM FINISHING** **CHMIRS** **S103886917**
NNW **1942 S GROVE AVE** **EMI** **N/A**
1/8-1/4 **ONTARIO, CA 91761** **San Bern. Co. Permit**
0.152 mi. **CERS**
804 ft. **Site 1 of 3 in cluster M**

Relative:
Higher

Actual:
865 ft.

CHMIRS:

Name:	Not reported
Address:	1942 S. GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
OES Incident Number:	17-0236
OES notification:	01/09/2017
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported

FREEDOM FINISHING (Continued) **S103886917**

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:	Storm Drain/Cucamonga Flood Control Channel
Spill Site:	Merchant/Business
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	CHEMICAL
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1210
Year:	2017
Agency:	Ontario FD
Incident Date:	01/09/2017
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Storm Drain/Cucamonga Flood Control Channel
E Date:	Not reported
Substance:	Water Base Paint
Quantity Released:	5
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Per the caller a business was washing out thier paint equipment in the back of the business

FREEDOM FINISHING (Continued) **S103886917**

casuing the spill.

EMI:

Name:	FREEDOM FINISHING
Address:	1942 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Year:	2006
County Code:	36
Air Basin:	SC
Facility ID:	131710
Air District Name:	SC
SIC Code:	2499
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:	1.688430003036744609
Reactive Organic Gases Tons/Yr:	1.668
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FREEDOM FINISHING
Address:	1942 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Year:	2007
County Code:	36
Air Basin:	SC
Facility ID:	131710
Air District Name:	SC
SIC Code:	2499
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:	1.688430003036744609
Reactive Organic Gases Tons/Yr:	1.668
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FREEDOM FINISHING
Address:	1942 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Year:	2012
County Code:	36
Air Basin:	SC
Facility ID:	131710
Air District Name:	SC
SIC Code:	2499
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:	0.60951513311
Reactive Organic Gases Tons/Yr:	0.60214

FREEDOM FINISHING (Continued) **S103886917**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FREEDOM FINISHING
Address:	1942 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Year:	2013
County Code:	36
Air Basin:	SC
Facility ID:	131710
Air District Name:	SC
SIC Code:	2499
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:	0.062212774572
Reactive Organic Gases Tons/Yr:	0.06146
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FREEDOM FINISHING
Address:	1942 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Year:	2014
County Code:	36
Air Basin:	SC
Facility ID:	131710
Air District Name:	SC
SIC Code:	2499
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:	1.5003542869
Reactive Organic Gases Tons/Yr:	1.4822
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FREEDOM FINISHING
Address:	1942 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Year:	2015
County Code:	36
Air Basin:	SC
Facility ID:	131710
Air District Name:	SC
SIC Code:	2499
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported

FREEDOM FINISHING (Continued) **S103886917**

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.95432
Reactive Organic Gases Tons/Yr: 1.95432
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: FREEDOM FINISHING
Address: 1942 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Year: 2017
County Code: 36
Air Basin: SC
Facility ID: 131710
Air District Name: SC
SIC Code: 2499
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: 2.0852312987
Reactive Organic Gases Tons/Yr: 2.06
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: 0.07866
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.0755136

San Bern. Co. Permit:
Name: FREEDOM WOOD FINISHING, INC.
Address: 1942 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0003341
Owner: SCHLAUFMAN, DEAN
Permit Number: PT0009637
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 04/30/2022

Name: FREEDOM WOOD FINISHING, INC.
Address: 1942 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0003341
Owner: SCHLAUFMAN, DEAN
Permit Number: PT0036684
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: INACTIVE
Expiration Date: 04/30/2020

CERS:
Name: FREEDOM WOOD FINISHING, INC.
Address: 1942 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761

FREEDOM FINISHING (Continued) **S103886917**

Site ID: 117924
CERS ID: 10039498
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 117924
Site Name: FREEDOM WOOD FINISHING, INC.
Violation Date: 01-06-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 02/04/2020. OBSERVATION: At time of inspection, it was determined an incorrect 24 hour phone number for primary emergency contact was indicated on Business Owner Operator Page submitted via CERS on 3-5-2018. CORRECTIVE ACTION: Submit the updated business plan information via CERS within 30 days. CERS ID 10039498.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 117924
Site Name: FREEDOM WOOD FINISHING, INC.
Violation Date: 01-06-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 02/04/2020. OBSERVATION: At time of inspection, the Business Plan was last submitted via CERS on 3-5-2018. Business Plan must be annually reviewed and electronically certified. CORRECTIVE ACTION: Review and electronically certify Business Plan via CERS within 30 days. CERS ID 10039498.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 117924
Site Name: FREEDOM WOOD FINISHING, INC.
Violation Date: 01-10-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 03/08/2017. Failure to obtain an EPA ID Number (CCR 66262.12(a))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 117924
Site Name: FREEDOM WOOD FINISHING, INC.
Violation Date: 01-10-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation -

FREEDOM FINISHING (Continued) **S103886917**

	General
Violation Notes:	Returned to compliance on 03/01/2017. Failure to obtain a CUPA Hazardous Waste Generator Permit (SBCC 23.0602(b)(1))
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	117924
Site Name:	FREEDOM WOOD FINISHING, INC.
Violation Date:	11-08-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 01/10/2017.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	117924
Site Name:	FREEDOM WOOD FINISHING, INC.
Violation Date:	01-10-2017
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 02/08/2017. Failure to operate and maintain facility to prevent a fire, spill or release (CCR 66265.31)
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	117924
Site Name:	FREEDOM WOOD FINISHING, INC.
Violation Date:	11-08-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 01/10/2017.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	117924
Site Name:	FREEDOM WOOD FINISHING, INC.
Violation Date:	01-06-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/13/2020. OBSERVATION: At time of inspection, the federal hazard categories were inaccurate for items listed on hazardous materials inventory submitted via CERS on 3-5-2018. CORRECTIVE ACTION: Submit accurate federal hazard category

FREEDOM FINISHING (Continued) **S103886917**

information for all items listed on hazardous materials inventory via CERS within 30 days. CERS ID 10039498.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 117924
Site Name: FREEDOM WOOD FINISHING, INC.
Violation Date: 01-06-2020
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 05/26/2020. OBSERVATION: At time of inspection employee training records were not available for review. CORRECTIVE ACTION: Conduct initial and annual employee training and maintain training records for a minimum of three years. Submit a signed statement indicating that training has been conducted and that training records will be kept on site for review.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 117924
Site Name: FREEDOM WOOD FINISHING, INC.
Violation Date: 07-10-2013
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 08/05/2013.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER ONLY INSPECTION-FREEDOM WOOD
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

FREEDOM FINISHING (Continued) **S103886917**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: INSPECTION - BP
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-10-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: INSPECTION - FREEDOM WOOD FINISHING GENERATOR
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 117924
Site Name: FREEDOM WOOD FINISHING, INC.
Site Address: 1942 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 01-10-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 117924
Site Name: FREEDOM WOOD FINISHING, INC.
Site Address: 1942 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 07-10-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 117924
Site Name: FREEDOM WOOD FINISHING, INC.
Site Address: 1942 S GROVE AVE

FREEDOM FINISHING (Continued) **S103886917**

Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 11-08-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:
Site ID: 117924
Facility Name: FREEDOM WOOD FINISHING, INC.
Env Int Type Code: HMBP
Program ID: 10039498
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 34.038820
Longitude: -117.630560

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: DEAN SCHLAUFMAN
Entity Title: Not reported
Affiliation Address: 1942 S GROVE AVE
Affiliation City: ONTARIO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: FREEDOM WOOD FINISHING, INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1942 SOUTH GROVE AVE
Affiliation City: ONTARIO

FREEDOM FINISHING (Continued) **S103886917**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761-5615
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: SCHLAUFMAN, DEAN
Entity Title: Not reported
Affiliation Address: 22553 LARK SPRING TERRACE
Affiliation City: DIAMOND BAR
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91765
Affiliation Phone: (909) 860-0673,

Affiliation Type Desc: Operator
Entity Name: Nicholas Richard Schlaufman
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (909) 730-4954,

G55 **ABBA ROLLER** **CERS HAZ WASTE** **S104250902**
ESE **1351 E PHILADELPHIA ST** **NPDES** **N/A**
1/8-1/4 **ONTARIO, CA 91761** **San Bern. Co. Permit**
0.155 mi. **CIWQS**
820 ft. **Site 2 of 3 in cluster G** **CERS**

Relative: **Lower**
Actual: **846 ft.**

CERS HAZ WASTE:
Name: ABBA ROLLER
Address: 1351 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Site ID: 2572
CERS ID: 10034293
CERS Description: Hazardous Waste Generator

NPDES:
Name: ABBA ROLLER
Address: 1351 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 8 36NEC001690
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported

ABBA ROLLER (Continued) **S104250902**

Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	12/14/2015
Operator Name:	ABBA Roller
Operator Address:	1351 E Philadelphia ST
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	467629
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 36NEC001690
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	12/10/2015
Processed Date:	12/14/2015
Status:	Active
Status Date:	12/14/2015
Place Size:	2.3
Place Size Unit:	Acres
Contact:	Ralph Mazzolini
Contact Title:	Not reported
Contact Phone:	909-284-7904
Contact Phone Ext:	7904
Contact Email:	rmazzolini@irpi.com
Operator Name:	ABBA Roller
Operator Address:	1351 E Philadelphia ST
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761
Operator Contact:	Ralph Mazzolini
Operator Contact Title:	Not reported
Operator Contact Phone:	909-284-7904
Operator Contact Phone Ext:	7904
Operator Contact Email:	rmazzolini@irpi.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported

ABBA ROLLER (Continued) **S104250902**

Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Ralph Mazzolini
Certifier Title:	V P Engineering
Certification Date:	22-SEP-16
Primary Sic:	3069-Fabricated Rubber Products, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	467629
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36NEC001690
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/14/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	ABBA Roller
Discharge Address:	1351 E Philadelphia ST
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	91761
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported

ABBA ROLLER (Continued) **S104250902**

Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	ABBA ROLLER
Address:	1351 E PHILADELPHIA ST
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Active

ABBA ROLLER (Continued) **S104250902**

NPDES Number:	CAS000001
Region:	8
Agency Number:	0
Regulatory Measure ID:	467629
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 36NEC001690
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/14/2015
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1351 E Philadelphia ST
Discharge Name:	ABBA Roller
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	91761
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	467629
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 36NEC001690
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	12/10/2015
Processed Date:	12/14/2015
Status:	Active
Status Date:	12/14/2015
Place Size:	2.3
Place Size Unit:	Acres
Contact:	Ralph Mazzolini
Contact Title:	Not reported
Contact Phone:	909-284-7904
Contact Phone Ext:	7904
Contact Email:	rmazzolini@irpi.com
Operator Name:	ABBA Roller

ABBA ROLLER (Continued) **S104250902**

Operator Address:	1351 E Philadelphia ST
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761
Operator Contact:	Ralph Mazzolini
Operator Contact Title:	Not reported
Operator Contact Phone:	909-284-7904
Operator Contact Phone Ext:	7904
Operator Contact Email:	rmazzolini@irpi.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Ralph Mazzolini
Certifier Title:	V P Engineering
Certification Date:	22-SEP-16
Primary Sic:	3069-Fabricated Rubber Products, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	467629
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36NEC001690
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/14/2015

ABBA ROLLER (Continued) **S104250902**

Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	ABBA Roller
Discharge Address:	1351 E Philadelphia ST
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	91761
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported

ABBA ROLLER (Continued) **S104250902**

Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

San Bern. Co. Permit:

Name:	ABBA ROLLER
Address:	1351 E PHILADELPHIA ST
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0000189
Owner:	LRT ENTERPRISES LLC
Permit Number:	PT0009656
Permit Category:	HAZARDOUS MATERIALS 11-30 CHEMICALS
Facility Status:	ACTIVE
Expiration Date:	04/30/2022

Name:	ABBA ROLLER
Address:	1351 E PHILADELPHIA ST
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0000189
Owner:	LRT ENTERPRISES LLC
Permit Number:	PT0009657
Permit Category:	SMALL QUANTITY GENERATOR
Facility Status:	ACTIVE
Expiration Date:	04/30/2022

CIWQS:

Name:	ABBA ROLLER
Address:	1351 E PHILADELPHIA ST
City,State,Zip:	ONTARIO, CA 91761
Agency:	ABBA Roller
Agency Address:	1351 E Philadelphia ST, Ontario, CA 91761
Place/Project Type:	Industrial - Fabricated Rubber Products, NEC
SIC/NAICS:	3069
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 36NEC001690
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	12/14/2015
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0

ABBA ROLLER (Continued) **S104250902**

Latitude: 34.034719
Longitude: -117.626282

CERS:
Name: ABBA ROLLER
Address: 1351 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Site ID: 2572
CERS ID: 10034293
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 2572
Site Name: ABBA ROLLER
Violation Date: 12-17-2019
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: OBSERVATION: Observed (1) 55-gallon drum of Blasomill coolant, (1) 55-gallon drum of Ruffex oil, (1) 55-gallon drum of Sunpar oil, (1) 55-gallon drum of Curene oil, and (1) 55-gallon drum of Andurflex oil missing from the hazardous materials inventory via CERS. CERS ID#10034293. CORRECTIVE ACTION: Update the hazardous materials inventory via CERS by adding (1) 55-gallon drum of Blasomill coolant, (1) 55-gallon drum of Ruffex oil, (1) 55-gallon drum of Sunpar oil, (1) 55-gallon drum of Curene oil, and (1) 55-gallon drum of Andurflex oil. Submit the completed Cerificate of COmpliance (CofC) to this Division indicating that the hazardous materials inventory has been updated.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2572
Site Name: ABBA ROLLER
Violation Date: 10-18-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/27/2017. Failure to operate and maintain facility to prevent a fire, spill or release (CCR 66265.31) The facility shall be maintained and operated in a manner to prevent a fire or release from hazardous materials or hazardous waste. Waste oily absorbent was observed on the floor beneath various machines throughout the facility. Compliance Requirement: -Submit photographs showing that the spillage has been cleaned up along with a statement as to how the waste was managed.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

ABBA ROLLER (Continued) **S104250902**

Site ID: 2572
Site Name: ABBA ROLLER
Violation Date: 10-18-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/22/2016. Failure to obtain an EPA ID Number (CCR 66262.12(a)) Facilities that generate any amount of a hazardous waste are required to maintain an active EPA ID number to track the hazardous waste generated from their business. The EPA ID listed for this facility was inactive at the time of the inspection. Compliance Requirement: -Submit a signed statement that the EPA ID number has been reactivated.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 2572
Site Name: ABBA ROLLER
Violation Date: 10-18-2016
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 12/09/2016. Hazardous materials were observed on site during the inspection that are not listed in the most current CERS inventory or are listed in lesser quantities. The Business Activities page has the box for waste generation checked "No". As the facility does generate hazardous waste, this box must be checked "Yes". Also, the Site Map does not have all of the required components. Submit a new complete Site Map.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2572
Site Name: ABBA ROLLER
Violation Date: 10-18-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/27/2017. Failure to note accumulation start date on labels (CCR 66262.34(f)(2)) Any tank or container holding a hazardous waste must be properly labeled. Proper labeling includes the following information: the words Hazardous Waste, generator name and address, hazardous properties of the waste, composition & physical state of the waste, and the accumulation start date. The drums of hazardous wastes were missing accumulation start dates. Compliance requirement: -Submit photographs showing that the containers have been properly labeled.
Violation Division: San Bernardino County Fire Department

ABBA ROLLER (Continued) **S104250902**

Violation Program: HW
Violation Source: CERS,

Site ID: 2572
Site Name: ABBA ROLLER
Violation Date: 10-18-2016
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: Returned to compliance on 06/27/2017. Drained used oil filter containers shall be kept closed except for when filters are being added or removed. Drained used oil filters shall be managed in accordance with all laws and regulations. Used oil filters must be managed within one year of the date of accumulation. Observed one 55-gallon drum of drained used oil filters missing the proper labeling and start date. Compliance Requirement: -Submit a signed statement that the container of used oil filters has been labeled with the words Drained used oil filters and the accumulation start date.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 2572
Site Name: ABBA ROLLER
Violation Date: 10-18-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 12/09/2016. The last Business Plan update submitted by this facility is dated 3/29/2013. CERS ID 10034293.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2572
Site Name: ABBA ROLLER
Violation Date: 10-18-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/27/2017. Failure to inspect Hazardous Waste container storage areas weekly (CCR 66265.174) Hazardous waste storage areas shall be inspected weekly to ensure that containers are kept closed, labeled, and in good condition. Weekly inspections are not being conducted. Compliance Requirement: -Submit three consecutive completed weekly inspection checklists to this office.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 2572
Site Name: ABBA ROLLER
Violation Date: 10-18-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5,

ABBA ROLLER (Continued) **S104250902**

Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/27/2017. Failure to label hazardous waste containers (CCR 66262.34(f)(3)) Any tank or container holding a hazardous waste must be properly labeled. Proper labeling includes the following information: the words Hazardous Waste, generator name and address, hazardous properties of the waste, composition & physical state of the waste, and the accumulation start date. Observed all drums of hazardous waste missing hazardous waste labels. Compliance requirement: -Submit photographs showing that the containers have been properly labeled.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 2572
Site Name: ABBA ROLLER
Violation Date: 10-18-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/27/2017. Failure to complete hazardous waste labels (CCR 66262.34(f)(3)) Any tank or container holding a hazardous waste must be properly labeled. Proper labeling includes the following information: the words Hazardous Waste, generator name and address, hazardous properties of the waste, composition & physical state of the waste, and the accumulation start date. The drums of hazardous waste did not have complete labels. Compliance requirement: -Submit photographs showing that the containers have been properly labeled.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER INSPECTION-ABBA ROLLER
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2019
Violations Found: Yes
Eval Type: Routine done by local agency

ABBA ROLLER (Continued) **S104250902**

Eval Notes:	Not reported
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-12-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Meet with manager regarding change of ownership, requirement to change/update HMBP.
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-18-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	ROUTINE GENERATOR INSPECTION-ABBA ROLLER
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Enforcement Action:

Site ID:	2572
Site Name:	ABBA ROLLER
Site Address:	1351 E PHILADELPHIA ST
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	10-18-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS,
Site ID:	2572
Site Name:	ABBA ROLLER
Site Address:	1351 E PHILADELPHIA ST
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	10-18-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	HW
Enf Action Source:	CERS,

Coordinates:

Site ID:	2572
Facility Name:	ABBA ROLLER
Env Int Type Code:	SMSWIND
Program ID:	843271

ABBA ROLLER (Continued) **S104250902**

Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 34.034719
Longitude: -117.626282

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Cesar A. Gutierrez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Ralph Mazzolini
Entity Title: GM
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: IPS
Entity Title: Not reported
Affiliation Address: 1351 E. Philadelphia St
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91761
Affiliation Phone: (909) 947-1244,

Affiliation Type Desc: Operator
Entity Name: ABBA Roller LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (909) 947-1244,

Affiliation Type Desc: Environmental Contact
Entity Name: Jose Castro
Entity Title: Not reported
Affiliation Address: 1351 E. Philadelphia Street
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Owner/Operator

ABBA ROLLER (Continued) **S104250902**

Entity Name: ABBA Roller
Entity Title: Operator
Affiliation Address: 1351 E Philadelphia ST
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: ABBA RUBBER INTERNATIONAL
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1351 E PHILADELPHIA ST
Affiliation City: ONTARIO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Name: ABBA ROLLER
Address: 1351 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Site ID: 2572
CERS ID: 843271
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 2572
Site Name: ABBA ROLLER
Violation Date: 12-17-2019
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or

ABBA ROLLER (Continued) **S104250902**

	business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	OBSERVATION: Observed (1) 55-gallon drum of Blasomill coolant, (1) 55-gallon drum of Ruffex oil, (1) 55-gallon drum of Sunpar oil, (1) 55-gallon drum of Curene oil, and (1) 55-gallon drum of Andurflex oil missing from the hazardous materials inventory via CERS. CERS ID#10034293. CORRECTIVE ACTION: Update the hazardous materials inventory via CERS by adding (1) 55-gallon drum of Blasomill coolant, (1) 55-gallon drum of Ruffex oil, (1) 55-gallon drum of Sunpar oil, (1) 55-gallon drum of Curene oil, and (1) 55-gallon drum of Andurflex oil. Submit the completed Cerificate of COmpliance (CofC) to this Division indicating that the hazardous materials inventory has been updated.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	2572
Site Name:	ABBA ROLLER
Violation Date:	10-18-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 06/27/2017. Failure to operate and maintain facility to prevent a fire, spill or release (CCR 66265.31) The facility shall be maintained and operated in a manner to prevent a fire or release from hazardous materials or hazardous waste. Waste oily absorbent was observed on the floor beneath various machines throughout the facility. Compliance Requirement: -Submit photographs showing that the spillage has been cleaned up along with a statement as to how the waste was managed.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	2572
Site Name:	ABBA ROLLER
Violation Date:	10-18-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 12/22/2016. Failure to obtain an EPA ID Number (CCR 66262.12(a)) Facilities that generate any amount of a hazardous waste are required to maintain an active EPA ID number to track the hazardous waste generated from their business. The EPA ID listed for this facility was inactive at the time of the inspection. Compliance Requirement: -Submit a signed statement that the EPA ID number has been reactivated.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	2572
Site Name:	ABBA ROLLER
Violation Date:	10-18-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter

ABBA ROLLER (Continued) **S104250902**

6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 12/09/2016. Hazardous materials were observed on site during the inspection that are not listed in the most current CERS inventory or are listed in lesser quantities. The Business Activities page has the box for waste generation checked "No". As the facility does generate hazardous waste, this box must be checked "Yes". Also, the Site Map does not have all of the required components. Submit a new complete Site Map.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2572
Site Name: ABBA ROLLER
Violation Date: 10-18-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/27/2017. Failure to note accumulation start date on labels (CCR 66262.34(f)(2)) Any tank or container holding a hazardous waste must be properly labeled. Proper labeling includes the following information: the words Hazardous Waste, generator name and address, hazardous properties of the waste, composition & physical state of the waste, and the accumulation start date. The drums of hazardous wastes were missing accumulation start dates. Compliance requirement: -Submit photographs showing that the containers have been properly labeled.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 2572
Site Name: ABBA ROLLER
Violation Date: 10-18-2016
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: Returned to compliance on 06/27/2017. Drained used oil filter containers shall be kept closed except for when filters are being added or removed. Drained used oil filters shall be managed in accordance with all laws and regulations. Used oil filters must be managed within one year of the date of accumulation. Observed one 55-gallon drum of drained used oil filters missing the proper labeling and start date. Compliance Requirement: -Submit a signed statement that the container of used oil filters has been labeled with the words Drained used oil filters and the accumulation start date.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

ABBA ROLLER (Continued) **S104250902**

Site ID:	2572
Site Name:	ABBA ROLLER
Violation Date:	10-18-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 12/09/2016. The last Business Plan update submitted by this facility is dated 3/29/2013. CERS ID 10034293.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	2572
Site Name:	ABBA ROLLER
Violation Date:	10-18-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 06/27/2017. Failure to inspect Hazardous Waste container storage areas weekly (CCR 66265.174) Hazardous waste storage areas shall be inspected weekly to ensure that containers are kept closed, labeled, and in good condition. Weekly inspections are not being conducted. Compliance Requirement: -Submit three consecutive completed weekly inspection checklists to this office.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	2572
Site Name:	ABBA ROLLER
Violation Date:	10-18-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 06/27/2017. Failure to label hazardous waste containers (CCR 66262.34(f)(3)) Any tank or container holding a hazardous waste must be properly labeled. Proper labeling includes the following information: the words Hazardous Waste, generator name and address, hazardous properties of the waste, composition & physical state of the waste, and the accumulation start date. Observed all drums of hazardous waste missing hazardous waste labels. Compliance requirement: -Submit photographs showing that the containers have been properly labeled.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	2572
Site Name:	ABBA ROLLER
Violation Date:	10-18-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 06/27/2017. Failure to complete hazardous waste labels (CCR 66262.34(f)(3)) Any tank or container holding a

ABBA ROLLER (Continued) **S104250902**

hazardous waste must be properly labeled. Proper labeling includes the following information: the words Hazardous Waste, generator name and address, hazardous properties of the waste, composition & physical state of the waste, and the accumulation start date. The drums of hazardous waste did not have complete labels. Compliance requirement: -Submit photographs showing that the containers have been properly labeled.

Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER INSPECTION-ABBA ROLLER
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-12-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Meet with manager regarding change of ownership, requirement to change/update HMBP.
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE GENERATOR INSPECTION-ABBA ROLLER
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

ABBA ROLLER (Continued) **S104250902**

Enforcement Action:

Site ID:	2572
Site Name:	ABBA ROLLER
Site Address:	1351 E PHILADELPHIA ST
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	10-18-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS,

Site ID:	2572
Site Name:	ABBA ROLLER
Site Address:	1351 E PHILADELPHIA ST
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	10-18-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	HW
Enf Action Source:	CERS,

Coordinates:

Site ID:	2572
Facility Name:	ABBA ROLLER
Env Int Type Code:	SMSWIND
Program ID:	843271
Coord Name:	Not reported
Ref Point Type Desc:	Unknown,
Latitude:	34.034719
Longitude:	-117.626282

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Cesar A. Gutierrez
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Ralph Mazzolini
Entity Title:	GM
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

ABBA ROLLER (Continued) **S104250902**

Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	IPS
Entity Title:	Not reported
Affiliation Address:	1351 E. Philadelphia St
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(909) 947-1244,
Affiliation Type Desc:	Operator
Entity Name:	ABBA Roller LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 947-1244,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Jose Castro
Entity Title:	Not reported
Affiliation Address:	1351 E. Philadelphia Street
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91761
Affiliation Phone:	,
Affiliation Type Desc:	Owner/Operator
Entity Name:	ABBA Roller
Entity Title:	Operator
Affiliation Address:	1351 E Philadelphia ST
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91761
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	ABBA RUBBER INTERNATIONAL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino

ABBA ROLLER (Continued) **S104250902**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1351 E PHILADELPHIA ST
Affiliation City:	ONTARIO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91761
Affiliation Phone:	,

G56 **ABBA ROLLER LLC** **RCRA NonGen / NLR** **1024828572**
ESE **1351 E PHILADELPHIA ST** **CAL000360418**
1/8-1/4 **ONTARIO, CA 91761**
0.155 mi.
820 ft. **Site 3 of 3 in cluster G**

Relative: **Lower**
Actual: **846 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20110119
Handler Name:	ABBA ROLLER LLC	
Handler Address:		1351 E PHILADELPHIA ST
Handler City,State,Zip:		ONTARIO, CA 91761-5719
EPA ID:		CAL000360418
Contact Name:		RALPH MAZZOLINI - GM
Contact Address:		1351 E PHILADELPHIA ST
Contact City,State,Zip:		ONTARIO, CA 91761
Contact Telephone:		909-284-7904
Contact Fax:		909-947-6997
Contact Email:		RMAZZOLINI@IRPI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1035 CALLE AMANECER
Mailing City,State,Zip:		SAN CLEMENTE, CA 92673-0000
Owner Name:	INTERNATIONAL RUBBER PRODUCTS INC	
Owner Type:		Other
Operator Name:	RALPH MAZZOLINI - GM	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No

ABBA ROLLER LLC (Continued) **1024828572**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL RUBBER PRODUCTS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1035 CALLE AMANECER
Owner/Operator City,State,Zip:	SAN CLEMENTE, CA 92673-0000

ABBA ROLLER LLC (Continued) **1024828572**

Owner/Operator Telephone: 949-373-4510
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RALPH MAZZOLINI - GM
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1351 E PHILADELPHIA ST
Owner/Operator City,State,Zip: ONTARIO, CA 91761
Owner/Operator Telephone: 909-284-7904
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20110119
Handler Name: ABBA ROLLER LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 326291
NAICS Description: RUBBER PRODUCT MANUFACTURING FOR MECHANICAL USE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

N57 **EL POLLO LOCO #6030** **San Bern. Co. Permit** **S123176622**
South **1180 E PHILADELPHIA ST** **N/A**
1/8-1/4 **ONTARIO, CA 91761**
0.157 mi.
828 ft. **Site 1 of 3 in cluster N**

Relative:
Lower

Actual:
843 ft.

San Bern. Co. Permit:
Name: EL POLLO LOCO #6030
Address: 1180 E PHILADELPHIA ST
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0018051
Owner: El Pollo Loco
Permit Number: PT0039007

EL POLLO LOCO #6030 (Continued) **S123176622**

Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: INACTIVE
Expiration Date: 08/31/2020

N58 **CHIPOTLE 2346** **RCRA NonGen / NLR** **1026053030**
SSE **2200 S GROVE AVE** **CAC003059928**
1/8-1/4 **ONTARIO, CA 91761**
0.159 mi.
837 ft. **Site 2 of 3 in cluster N**

Relative: **Lower**
Actual: **844 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20200313
Handler Name:	CHIPOTLE 2346	
Handler Address:		2200 S GROVE AVE
Handler City,State,Zip:		ONTARIO, CA 91761-4805
EPA ID:		CAC003059928
Contact Name:		PATTI MANN
Contact Address:		333 W. NATIONWIDE BLVD.
Contact City,State,Zip:		COLUMBUS, OH 43215
Contact Telephone:		615-394-5263
Contact Fax:		Not reported
Contact Email:		TAMMY.BRASHER@RIVERROADWASTE.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2200 S GROVE AVE
Mailing City,State,Zip:		ONTARIO, CA 91761-4805
Owner Name:	CHIPOTLE BLANCO	
Owner Type:		Other
Operator Name:	PATTI MANN	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported

CHIPOTLE 2346 (Continued) **1026053030**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200313
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CHIPOTLE BLANCO	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 S GROVE AVE
Owner/Operator City,State,Zip:	ONTARIO, CA 91761-4805
Owner/Operator Telephone:	909-289-2372
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: PATTI MANN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 W. NATIONWIDE BLVD.
Owner/Operator City,State,Zip:	COLUMBUS, OH 43215

CHIPOTLE 2346 (Continued) **1026053030**

Owner/Operator Telephone: 615-394-5263
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200313
Handler Name: CHIPOTLE 2346
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 722514
NAICS Description: CAFETERIAS, GRILL BUFFETS, AND BUFFETS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

N59 **CHIPOTLE MEXICAN GRILL #2346** **RCRA NonGen / NLR** **1026716796**
SSE **2200 S. GROVE AVE #104** **CAC003105288**
1/8-1/4 **ONTARIO, CA 91761**
0.159 mi.
837 ft. **Site 3 of 3 in cluster N**

Relative: **Lower**
Actual: **844 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20210212
Handler Name: CHIPOTLE MEXICAN GRILL #2346
Handler Address: 2200 S. GROVE AVE #104
Handler City,State,Zip: ONTARIO, CA 91761
EPA ID: CAC003105288
Contact Name: PATTI MANN
Contact Address: 333 NATIONWIDE BLVD
Contact City,State,Zip: COLUMBUS, OH 43215
Contact Telephone: 614-318-7465
Contact Fax: Not reported
Contact Email: PMANN@CHIPOTLE.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported

CHIPOTLE MEXICAN GRILL #2346 (Continued) **1026716796**

State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2200 S. GROVE AVE #104
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	CHIPOTLE LEEDMAN	
Owner Type:		Other
Operator Name:	PATTI MANN	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20210226
Recognized Trader-Importer:		No

CHIPOTLE MEXICAN GRILL #2346 (Continued) **1026716796**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: PATTI MANN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 NATIONWIDE BLVD
Owner/Operator City,State,Zip:	COLUMBUS, OH 43215
Owner/Operator Telephone:	614-318-7465
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: CHIPOTLE LEEDMAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 S. GROVE AVE #104
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-930-6149
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210212
Handler Name: CHIPOTLE MEXICAN GRILL #2346	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	722513
NAICS Description:	LIMITED-SERVICE RESTAURANTS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

CHIPOTLE MEXICAN GRILL #2346 (Continued) **1026716796**

Evaluation Action Summary:
Evaluations: No Evaluations Found

O60 **OFFICE DEPOT 2356** **RCRA NonGen / NLR** **1024856658**
SSE **2205 S GROVE** **CAL000420850**
1/8-1/4 **ONTARIO, CA 91761**
0.163 mi.
860 ft. **Site 1 of 2 in cluster O**

Relative: **Lower**
Actual: **844 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20161010
Handler Name:	OFFICE DEPOT 2356	
Handler Address:		2205 S GROVE
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAL000420850
Contact Name:		ANA FERNANDEZ
Contact Address:		6600 N MILITARY TRAIL C456
Contact City,State,Zip:		BOCA RATON, FL 33496
Contact Telephone:		561-438-7903
Contact Fax:		561-438-8916
Contact Email:		ANA.FERNANDEZ@OFFICEDEPOT.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		6600 N MILITARY TRAIL C456
Mailing City,State,Zip:		BOCA RATON, FL 33496-0000
Owner Name:	OFFICE DEPOT INC	
Owner Type:		Other
Operator Name:	ANA FERNANDEZ	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N

OFFICE DEPOT 2356 (Continued) **1024856658**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: ANA FERNANDEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6600 N MILITARY TRAIL C456
Owner/Operator City,State,Zip:	BOCA RATON, FL 33496
Owner/Operator Telephone:	561-438-7903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: OFFICE DEPOT INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6600 N MILITARY TRAIL

OFFICE DEPOT 2356 (Continued) **1024856658**

Owner/Operator City,State,Zip: BOCA RATON, FL 33496
Owner/Operator Telephone: 561-438-4800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20161010
Handler Name: OFFICE DEPOT 2356
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 45321
NAICS Description: OFFICE SUPPLIES AND STATIONERY STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O61 **OFFICE DEPOT #2356** **CERS HAZ WASTE** **S120765445**
SSE **2205 S GROVE AVE** **San Bern. Co. Permit** **N/A**
1/8-1/4 **ONTARIO, CA 91761** **CERS**
0.163 mi.
860 ft. **Site 2 of 2 in cluster O**

Relative:
Lower

Actual:
844 ft.

CERS HAZ WASTE:
Name: OFFICE DEPOT #2356
Address: 2205 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 408845
CERS ID: 10707187
CERS Description: Hazardous Waste Generator

San Bern. Co. Permit:
Name: OFFICE DEPOT #2356
Address: 2205 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0017254
Owner: Office Depot, Inc.
Permit Number: PT0036997
Permit Category: CONDITIONALLY EXEMPT SM QTY GENERATOR SPECIAL
Facility Status: ACTIVE

OFFICE DEPOT #2356 (Continued) **S120765445**

Expiration Date: 02/28/2022

Name: OFFICE DEPOT #2356
Address: 2205 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0017254
Owner: Office Depot, Inc.
Permit Number: PT0037538
Permit Category: HAZMAT HANDLER GENERAL ACT.(NB)
Facility Status: FEE EXEMPT
Expiration Date: 02/28/2018

CERS:
Name: OFFICE DEPOT #2356
Address: 2205 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 408845
CERS ID: 10707187
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-23-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-16-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: routine inspection
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 408845
Facility Name: Office Depot #2356
Env Int Type Code: HMBP
Program ID: 10707187
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.033510
Longitude: -117.627810

Affiliation:
Affiliation Type Desc: Operator
Entity Name: Office Depot, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

OFFICE DEPOT #2356 (Continued) **S120765445**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 947-2282,
Affiliation Type Desc:	Property Owner
Entity Name:	MUSTANG REALTY, LLC
Entity Title:	Not reported
Affiliation Address:	13116 E. Imperial Highway
Affiliation City:	Santa Fe Springs
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581,
Affiliation Type Desc:	Document Preparer
Entity Name:	John Storlie
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Office Depot, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Wendi Lane
Entity Title:	Not reported
Affiliation Address:	6600 N. Military Trail, Mail Code C492
Affiliation City:	Boca Raton
Affiliation State:	FL
Affiliation Country:	Not reported
Affiliation Zip:	33496
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	6600 N. Military Trail, Mail Code C492
Affiliation City:	Boca Raton
Affiliation State:	FL
Affiliation Country:	Not reported
Affiliation Zip:	33496
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire

OFFICE DEPOT #2356 (Continued) **S120765445**

Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,
Affiliation Type Desc:	Identification Signer
Entity Name:	John Storlie
Entity Title:	Consultant acting for Office Depot
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Office Depot, Inc.
Entity Title:	Not reported
Affiliation Address:	6600 N. Military Trail, C492
Affiliation City:	Boca Raton
Affiliation State:	FL
Affiliation Country:	United States
Affiliation Zip:	33496
Affiliation Phone:	(561) 438-4800,

P62 **NATIONAL DISTRIBUTION CENTERS LLC** **RCRA NonGen / NLR** **1024847727**
NW **1991 S CUCAMONGA AVE** **CAL000402874**
1/8-1/4 **ONTARIO, CA 91761**
0.168 mi.
889 ft. **Site 1 of 2 in cluster P**

Relative: **Higher**
Actual: **865 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20141211
Handler Name:	NATIONAL DISTRIBUTION CENTERS LLC
Handler Address:	1991 S CUCAMONGA AVE
Handler City,State,Zip:	ONTARIO, CA 91761
EPA ID:	CAL000402874
Contact Name:	STEFAN RADUHA
Contact Address:	2496 TECHNOLOGY DRIVE
Contact City,State,Zip:	ELGIN, IL 60124
Contact Telephone:	847-888-0276
Contact Fax:	847-888-0279
Contact Email:	COMPLIANCE@JMMGLOBAL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	15835 SAN ANTONIO AVE

NATIONAL DISTRIBUTION CENTERS LLC (Continued) **1024847727**

Mailing City,State,Zip:	CHINO, CA 91708-7608
Owner Name:	NATIONAL DISTRIBUTION CENTERS LP
Owner Type:	Other
Operator Name:	STEFAN RADUHA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

NATIONAL DISTRIBUTION CENTERS LLC (Continued) **1024847727**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: NATIONAL DISTRIBUTION CENTERS LP
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1515 BURNT MILL RD
Owner/Operator City,State,Zip: CHERRY HILL, NJ 08003
Owner/Operator Telephone: 856-857-1324
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: STEFAN RADUHA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2496 TECHNOLOGY DRIVE
Owner/Operator City,State,Zip: ELGIN, IL 60124
Owner/Operator Telephone: 847-888-0276
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20141211
Handler Name: NATIONAL DISTRIBUTION CENTERS LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 53113
NAICS Description: LESSORS OF MINIWAREHOUSES AND SELF-STORAGE UNITS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

P63 **NFI NATIONAL DIST. CENTER** **San Bern. Co. Permit** **S104768576**
NW **1991 S CUCAMONGA AVE** **CERS** **N/A**
1/8-1/4 **ONTARIO, CA 91761**
0.168 mi.
889 ft. **Site 2 of 2 in cluster P**

Relative:
Higher

Actual:
865 ft.

San Bern. Co. Permit:
Name: NFI NATIONAL DIST. CENTER
Address: 1991 S CUCAMONGA AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0004973
Owner: Four B's
Permit Number: PT0000560
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: ACTIVE
Expiration Date: 08/31/2022

Name: NFI NATIONAL DIST. CENTER
Address: 1991 S CUCAMONGA AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0004973
Owner: Four B's
Permit Number: PT0037679
Permit Category: HAZWASTE GENERAL ACTIVITY (NB)
Facility Status: FEE EXEMPT
Expiration Date: 08/31/2017

CERS:
Name: NFI NATIONAL DIST. CENTER
Address: 1991 S CUCAMONGA AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 398255
CERS ID: 10042471
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-08-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER INSPECTION-NFI NATIONAL DIST
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-23-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 398255
Facility Name: NFI NATIONAL DIST. CENTER

NFI NATIONAL DIST. CENTER (Continued) **S104768576**

Env Int Type Code:	HMBP
Program ID:	10042471
Coord Name:	Not reported
Ref Point Type Desc:	Unknown,
Latitude:	34.038509
Longitude:	-117.631683

Affiliation:

Affiliation Type Desc:	Parent Corporation
Entity Name:	National Distribution Centers L.P.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,

Affiliation Type Desc:	Document Preparer
Entity Name:	Mark Winsborrow
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Ben Andrew
Entity Title:	Not reported
Affiliation Address:	15913 Mountain Ave
Affiliation City:	Chino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91708
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Mark Winsborrow
Entity Title:	Director of Safety FW Region
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

NFI NATIONAL DIST. CENTER (Continued) **S104768576**

Affiliation Type Desc:	Operator
Entity Name:	NATIONAL DISTRIBUTION CENTERS LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 930-9119,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1991 S Cucamonga Ave
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91761
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Four B's
Entity Title:	Not reported
Affiliation Address:	2 Cooper St
Affiliation City:	Camden
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	08102
Affiliation Phone:	(800) 922-5088,

Q64 **FIBER DESIGN INTL** **EMI** **S102040092**
North **1938 S GROVE AV** **San Bern. Co. Permit** **N/A**
1/8-1/4 **ONTARIO, CA 91761**
0.177 mi.
934 ft. **Site 1 of 7 in cluster Q**

Relative:
Higher

Actual:
868 ft.

EMI:

Name:	FIBER DESIGN INTL
Address:	1938 S GROVE AV
City,State,Zip:	ONTARIO, CA 91761
Year:	1990
County Code:	36
Air Basin:	SC
Facility ID:	53377
Air District Name:	SC
SIC Code:	2394
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:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

FIBER DESIGN INTL (Continued) **S102040092**

Name:	FIBER DESIGN INTL
Address:	1938 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Year:	2006
County Code:	36
Air Basin:	SC
Facility ID:	53377
Air District Name:	SC
SIC Code:	3088
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.227322285888857233
Reactive Organic Gases Tons/Yr:	2.259
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FIBER DESIGN INTL
Address:	1938 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Year:	2007
County Code:	36
Air Basin:	SC
Facility ID:	53377
Air District Name:	SC
SIC Code:	3088
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.227322285888857233
Reactive Organic Gases Tons/Yr:	2.259
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

San Bern. Co. Permit:

Name:	FIBER DESIGN INT'L.
Address:	1938 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0003208
Owner:	FIBER DESIGN INT'L
Permit Number:	PT0006234
Permit Category:	HAZMAT HANDLER 11-25 EMPLOYEES
Facility Status:	INACTIVE
Expiration Date:	10/31/2008

Q65 **AIRGAS USA, LLC** **San Bern. Co. Permit** **S105697846**
NNE **1936 S GROVE AVE** **CERS** **N/A**
1/8-1/4 **ONTARIO, CA 91761**
0.178 mi.
942 ft. **Site 2 of 7 in cluster Q**

Relative:
Higher

Actual:
868 ft.

San Bern. Co. Permit:
Name: AIRGAS USA, LLC
Address: 1936 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0005236
Owner: AIRGAS USA LLC
Permit Number: PT0006600
Permit Category: HAZARDOUS MATERIALS 11-30 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 09/30/2022

CERS:
Name: AIRGAS USA, LLC
Address: 1936 S GROVE AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 90301
CERS ID: 10146095
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 90301
Site Name: AIRGAS USA, LLC
Violation Date: 11-17-2016
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 12/05/2016. Greater than 1,000 cubic feet of carbon dioxide was observed on site during the inspection; carbon dioxide is not listed in the most current Business Plan inventory.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-27-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER ONLY INSPECTION-AIRGAS
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2016
Violations Found: Yes

AIRGAS USA, LLC (Continued) **S105697846**

Eval Type:	Routine done by local agency
Eval Notes:	ROUTINE HANDLER INSPECTION-AIRGAS USA
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-25-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,

Enforcement Action:

Site ID:	90301
Site Name:	AIRGAS USA, LLC
Site Address:	1936 S GROVE AVE
Site City:	ONTARIO
Site Zip:	91761
Enf Action Date:	11-17-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS,

Coordinates:

Site ID:	90301
Facility Name:	AIRGAS USA, LLC
Env Int Type Code:	HMBP
Program ID:	10146095
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	34.039210
Longitude:	-117.628920

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3737 WORSHAM AVENUE
Affiliation City:	LONG BEACH
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90808
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Airgas USA, LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

AIRGAS USA, LLC (Continued) **S105697846**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (562) 766-2091,

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401,

Affiliation Type Desc: Document Preparer
Entity Name: Tatiana Hill
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Tatiana Hill
Entity Title: Safety & Compliance Specialist
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Airgas USA, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Tatiana Hill
Entity Title: Not reported
Affiliation Address: 2600 S Fairview St
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92704
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Airgas USA, LLC
Entity Title: Not reported

AIRGAS USA, LLC (Continued) **S105697846**

Affiliation Address:	3737 WORSHAM AVENUE
Affiliation City:	LONG BEACH
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90808
Affiliation Phone:	(562) 497-1991,
Affiliation Type Desc:	Property Owner
Entity Name:	Aigas USA, LLC
Entity Title:	Not reported
Affiliation Address:	3737 Worsham Avenue
Affiliation City:	Long Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 497-1991,

M66 **AIR CONTROL SYSTEMS INC** **CERS HAZ WASTE** **S113151329**
North **1940 S GROVE AVE** **HAZNET** **N/A**
1/8-1/4 **ONTARIO, CA 91761** **San Bern. Co. Permit**
0.183 mi. **CERS**
964 ft. **Site 2 of 3 in cluster M** **HWTS**

Relative:
Higher

Actual:
868 ft.

CERS HAZ WASTE:

Name:	AIR CONTROL SYSTEMS, INC.
Address:	1940 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Site ID:	384350
CERS ID:	10508920
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	AIR CONTROL SYSTEMS INC
Address:	1940 S GROVE AVE
Address 2:	Not reported
City,State,Zip:	ONTARIO, CA 917615615
Contact:	MARC LEOTAUD
Telephone:	9097864230
Mailing Name:	Not reported
Mailing Address:	1940 S GROVE AVE
Year:	2019
Gepaid:	CAL000328917
TSD EPA ID:	AZR000521146
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.10000
Year:	2019
Gepaid:	CAL000328917
TSD EPA ID:	NVT330010000
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.00250

AIR CONTROL SYSTEMS INC (Continued) **S113151329**

Year: 2019
Gepaid: CAL000328917
TSD EPA ID: CAT080013352
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.05100

Year: 2019
Gepaid: CAL000328917
TSD EPA ID: CAD044429835
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15000

Year: 2018
Gepaid: CAL000328917
TSD EPA ID: CAD044429835
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.10000

Year: 2016
Gepaid: CAL000328917
TSD EPA ID: CAD044429835
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15

Year: 2014
Gepaid: CAL000328917
TSD EPA ID: CAD008364432
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0693

Year: 2014
Gepaid: CAL000328917
TSD EPA ID: CAT080013352
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.8428

Year: 2014
Gepaid: CAL000328917
TSD EPA ID: CAT080013352
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.099

Year: 2013
Gepaid: CAL000328917
TSD EPA ID: NED981723513

AIR CONTROL SYSTEMS INC (Continued) **S113151329**

CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.15

Click this hyperlink while viewing on your computer to access
2 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2011
Gen EPA ID: CAL000328917

Shipment Date: 20110303
Creation Date: 8/25/2011 18:30:11
Receipt Date: 20110315
Manifest ID: 002667761SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2014
Gen EPA ID: CAL000328917

Shipment Date: 20141027
Creation Date: 2/13/2015 22:15:17
Receipt Date: 20141029
Manifest ID: 013252718JJK
Trans EPA ID: CAR000050161
Trans Name: ARROW RECYCLING SOLUTIONS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

AIR CONTROL SYSTEMS INC (Continued) **S113151329**

Quantity Tons:	0.099
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141027
Creation Date:	12/26/2014 22:14:59
Receipt Date:	20141030
Manifest ID:	013252719JJK
Trans EPA ID:	CAR000050161
Trans Name:	ARROW RECYCLING SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0528
Waste Quantity:	16
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141027
Creation Date:	12/26/2014 22:14:59
Receipt Date:	20141030
Manifest ID:	013252719JJK
Trans EPA ID:	CAR000050161
Trans Name:	ARROW RECYCLING SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0165
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

AIR CONTROL SYSTEMS INC (Continued) **S113151329**

Additional Code 5: Not reported

Shipment Date: 20141027
Creation Date: 2/13/2015 22:15:17
Receipt Date: 20141029
Manifest ID: 013252718JJK
Trans EPA ID: CAR000050161
Trans Name: ARROW RECYCLING SOLUTIONS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.8428
Waste Quantity: 1
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2008
Gen EPA ID: CAL000328917

Shipment Date: 20080205
Creation Date: 7/22/2008 18:30:23
Receipt Date: 20080218
Manifest ID: 000747959SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013

AIR CONTROL SYSTEMS INC (Continued) **S113151329**

Gen EPA ID:	CAL000328917
Shipment Date:	20130917
Creation Date:	2/18/2014 22:15:06
Receipt Date:	20131007
Manifest ID:	003919899SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	CAR000187922
Trans 2 Name:	RUST & SONS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

San Bern. Co. Permit:

Name:	AIR CONTROL SYSTEMS, INC.
Address:	1940 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0015515
Owner:	TMDK Investments, LLC
Permit Number:	PT0034059
Permit Category:	SMALL QUANTITY GENERATOR
Facility Status:	ACTIVE
Expiration Date:	08/31/2022

Name:	AIR CONTROL SYSTEMS, INC.
Address:	1940 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0015515
Owner:	TMDK Investments, LLC
Permit Number:	PT0034058
Permit Category:	HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status:	ACTIVE
Expiration Date:	08/31/2022

CERS:

Name:	AIR CONTROL SYSTEMS, INC.
Address:	1940 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Site ID:	384350
CERS ID:	10508920
CERS Description:	Chemical Storage Facilities

AIR CONTROL SYSTEMS INC (Continued) **S113151329**

Violations:

Site ID:	384350
Site Name:	Air Control Systems, Inc.
Violation Date:	06-27-2014
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 07/15/2014. Failure to obtain a CUPA Hazardous Waste Generator Permit (SBCC 23.0602(b)(1))
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	384350
Site Name:	Air Control Systems, Inc.
Violation Date:	06-27-2014
Citation:	HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description:	Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	Returned to compliance on 02/26/2015.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	384350
Site Name:	Air Control Systems, Inc.
Violation Date:	06-27-2014
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 07/15/2014. Failure to obtain a CUPA Hazardous Materials Handler permit (SBCC 23.0602(a))
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	384350
Site Name:	Air Control Systems, Inc.
Violation Date:	06-27-2014
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 09/10/2014.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	384350
Site Name:	Air Control Systems, Inc.
Violation Date:	06-27-2014
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 02/26/2015. Failure to establish a

AIR CONTROL SYSTEMS INC (Continued) **S113151329**

Contingency Plan (CCR 66265.51(a))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: New facility inspection
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: New facility inspection
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department

AIR CONTROL SYSTEMS INC (Continued) **S113151329**

Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 384350
Site Name: Air Control Systems, Inc.
Site Address: 1940 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 06-27-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 384350
Site Name: Air Control Systems, Inc.
Site Address: 1940 S GROVE AVE
Site City: ONTARIO
Site Zip: 91761
Enf Action Date: 06-27-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 384350
Facility Name: Air Control Systems, Inc.
Env Int Type Code: HMBP
Program ID: 10508920
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.039260
Longitude: -117.630300

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Andy Barnes
Entity Title: Not reported
Affiliation Address: 1940 South Grove Ave.
Affiliation City: Ontario
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1940 South Grove Ave.
Affiliation City: Ontario

AIR CONTROL SYSTEMS INC (Continued) **S113151329**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91761
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Air Control Systems, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,
Affiliation Type Desc:	Operator
Entity Name:	Marc Leotaud
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(714) 745-8149,
Affiliation Type Desc:	Document Preparer
Entity Name:	Minshew Environmental Consulting
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Marc Leotaud
Entity Title:	CFO
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	TMDK Investments, LLC

AIR CONTROL SYSTEMS INC (Continued) **S113151329**

Entity Title:	Not reported
Affiliation Address:	1940 South Grove Ave.
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(714) 745-8149,
Affiliation Type Desc:	Property Owner
Entity Name:	TMDK Investments, LLC
Entity Title:	Not reported
Affiliation Address:	1940 South Grove Ave.
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(714) 745-8149,

HWTS:

Name:	AIR CONTROL SYSTEMS INC
Address:	1940 S GROVE AVE
Address 2:	Not reported
City,State,Zip:	ONTARIO, CA 91761
EPA ID:	CAL000328917
Inactive Date:	Not reported
Create Date:	01/18/2008
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	1940 S GROVE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ONTARIO, CA 917615615
Owner Name:	AIR CONTROL SYSTEMS INC
Owner Address:	1940 S GROVE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	ONTARIO, CA 917615615
Contact Name:	MARC LEOTAUD
Contact Address:	1940 S GROVE AVE
Contact Address 2:	Not reported
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.03926
Longitude:	-117.63029

NAICS:

EPA ID:	CAL000328917
Create Date:	2010-10-14 08:13:23.600
NAICS Code:	23511
NAICS Description:	Plumbing, Heating, and Air-Conditioning Contractors
Issued EPA ID Date:	2008-01-18 12:46:24.51300
Inactive Date:	Not reported
Facility Name:	AIR CONTROL SYSTEMS INC
Facility Address:	1940 S GROVE AVE
Facility Address 2:	Not reported
Facility City:	ONTARIO

AIR CONTROL SYSTEMS INC (Continued) **S113151329**

Facility County: Not reported
Facility State: CA
Facility Zip: 917615615

M67 **AIR CONTROL SYSTEMS INC** **RCRA NonGen / NLR** **1024819283**
North **1940 S GROVE AVE** **CAL000328917**
1/8-1/4 **ONTARIO, CA 91761**
0.183 mi.
964 ft. **Site 3 of 3 in cluster M**

Relative: RCRA NonGen / NLR:
Higher

Actual: Date Form Received by Agency: 20080118
868 ft. Handler Name: AIR CONTROL SYSTEMS INC
Handler Address: 1940 S GROVE AVE
Handler City,State,Zip: ONTARIO, CA 91761-5615
EPA ID: CAL000328917
Contact Name: MARC LEOTAUD
Contact Address: 1940 S GROVE AVE
Contact City,State,Zip: ONTARIO, CA 91761
Contact Telephone: 909-786-4230
Contact Fax: 909-786-4249
Contact Email: ADMIN@AIRCONTROLSYSTEMS.NET
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 1940 S GROVE AVE
Mailing City,State,Zip: ONTARIO, CA 91761-5615
Owner Name: AIR CONTROL SYSTEMS INC
Owner Type: Other
Operator Name: MARC LEOTAUD
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: Yes
Universal Waste Destination Facility: Yes
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N

AIR CONTROL SYSTEMS INC (Continued) **1024819283**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: AIR CONTROL SYSTEMS INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 S GROVE AVE
Owner/Operator City,State,Zip:	ONTARIO, CA 91761-5615
Owner/Operator Telephone:	909-786-4230
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: MARC LEOTAUD	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 S GROVE AVE

AIR CONTROL SYSTEMS INC (Continued) **1024819283**

Owner/Operator City,State,Zip: ONTARIO, CA 91761
Owner/Operator Telephone: 909-786-4230
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20080118
Handler Name: AIR CONTROL SYSTEMS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 23511
NAICS Description: PLUMBING, HEATING, AND AIR-CONDITIONING CONTRACTORS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q68 **AM-TEK ENGINEERING INC** **RCRA NonGen / NLR** **1026722027**
North **1180 E FRANCIS ST STE C** **CAL000459074**
1/8-1/4 **ONTARIO, CA 91761**
0.204 mi.
1076 ft. **Site 3 of 7 in cluster Q**

Relative:
Higher

Actual:
870 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20201230
Handler Name: AM-TEK ENGINEERING INC
Handler Address: 1180 E FRANCIS ST STE C
Handler City,State,Zip: ONTARIO, CA 91761
EPA ID: CAL000459074
Contact Name: CHRISTOPHER BOUNYUSERY
Contact Address: 1180 E FRANCIS ST STE C
Contact City,State,Zip: ONTARIO, CA 91761
Contact Telephone: 909-673-1633
Contact Fax: 909-673-1672
Contact Email: INFO@AMTEKENG.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

AM-TEK ENGINEERING INC (Continued) **1026722027**

Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1180 E FRANCIS ST STE C
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	AM-TEK ENGINEERING INC	
Owner Type:		Other
Operator Name:	CHRISTOPHER BOUNYUSERY	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20210226

AM-TEK ENGINEERING INC (Continued) **1026722027**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: CHRISTOPHER BOUNYUSERY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1180 E FRANCIS ST STE C
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-673-1633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: AM-TEK ENGINEERING INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1180 E FRANCIS ST STE C
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-673-1633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20201230
Handler Name: AM-TEK ENGINEERING INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

AM-TEK ENGINEERING INC (Continued) **1026722027**

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q69 **AM-TEK ENGINEERING INC** **San Bern. Co. Permit** **S121310008**
North **1180 E FRANCIS AVE BLDG #C** **N/A**
1/8-1/4 **ONTARIO, CA 91761**
0.204 mi.
1076 ft. **Site 4 of 7 in cluster Q**

Relative:
Higher

Actual:
870 ft.

San Bern. Co. Permit:
Name: AM-TEK ENGINEERING INC
Address: 1180 E FRANCIS AVE BLDG #C
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0017583
Owner: BOON BOUNYASENG
Permit Number: PT0040349
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: ACTIVE
Expiration Date: 10/31/2021

Name: AM-TEK ENGINEERING INC
Address: 1180 E FRANCIS AVE BLDG #C
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0017583
Owner: BOON BOUNYASENG
Permit Number: PT0037833
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: ACTIVE
Expiration Date: 10/31/2021

Q70 **FORMULA PLASTICS, INC** **San Bern. Co. Permit** **S107030267**
North **1180 E FRANCIS ST BLDG H** **N/A**
1/8-1/4 **ONTARIO, CA 91761**
0.204 mi.
1076 ft. **Site 5 of 7 in cluster Q**

Relative:
Higher

Actual:
870 ft.

San Bern. Co. Permit:
Name: FORMULA PLASTICS, INC
Address: 1180 E FRANCIS ST BLDG H
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0009953
Owner: ELIAS MORA
Permit Number: PT0016972
Permit Category: SPECIAL HANDLER
Facility Status: INACTIVE
Expiration Date: 09/30/2007

Name: FORMULA PLASTICS, INC
Address: 1180 E FRANCIS ST BLDG H
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0009953

FORMULA PLASTICS, INC (Continued) **S107030267**

Owner: ELIAS MORA
Permit Number: PT0016971
Permit Category: SPECIAL GENERATOR
Facility Status: INACTIVE
Expiration Date: 09/30/2007

Q71 **AM-TEK ENGINEERING, INC** **RCRA NonGen / NLR** **1026047583**
North **1180 E FRANCIS ST.** **CAC003054147**
1/8-1/4 **ONTARIO, CA 91761**
0.204 mi.
1076 ft. **Site 6 of 7 in cluster Q**

Relative: **Higher**
Actual: **870 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20200204
Handler Name:	AM-TEK ENGINEERING, INC	
Handler Address:		1180 E FRANCIS ST.
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAC003054147
Contact Name:		JULIAN RENDON
Contact Address:		1180 E FRANCIS ST.
Contact City,State,Zip:		ONTARIO, CA 91761
Contact Telephone:		909-673-1633
Contact Fax:		Not reported
Contact Email:		INFO@AMTEKENG.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1180 E FRANCIS ST.
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	BOON BOUNYASENG	
Owner Type:		Other
Operator Name:	JULIAN RENDON	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported

AM-TEK ENGINEERING, INC (Continued) **1026047583**

Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: BOON BOUNYASENG	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1180 E FRANCIS ST.
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-673-1633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: JULIAN RENDON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

AM-TEK ENGINEERING, INC (Continued) **1026047583**

Owner/Operator Address: 1180 E FRANCIS ST.
Owner/Operator City,State,Zip: ONTARIO, CA 91761
Owner/Operator Telephone: 909-673-1633
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200204
Handler Name: AM-TEK ENGINEERING, INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 33271
NAICS Description: MACHINE SHOPS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q72 **AM-TEK ENGINEERING, INC** **RCRA NonGen / NLR** **1025855627**
North **1180 E FRANCIS ST** **CAC003035904**
1/8-1/4 **ONTARIO, CA 91761**
0.204 mi.
1076 ft. **Site 7 of 7 in cluster Q**

Relative:
Higher

Actual:
870 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20190926
Handler Name: AM-TEK ENGINEERING, INC
Handler Address: 1180 E FRANCIS ST
Handler City,State,Zip: ONTARIO, CA 91761
EPA ID: CAC003035904
Contact Name: JULIAN RENDON
Contact Address: 1180 E FRANCIS ST
Contact City,State,Zip: ONTARIO, CA 91761
Contact Telephone: 909-673-1633
Contact Fax: Not reported
Contact Email: INFO@AMTEKENG.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

AM-TEK ENGINEERING, INC (Continued) **1025855627**

Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1180 E FRANCIS ST
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	BOON BOUNYASENG	
Owner Type:		Other
Operator Name:	JULIAN RENDON	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported

AM-TEK ENGINEERING, INC (Continued) **1025855627**

Handler Date of Last Change:	20190927
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: BOON BOUNYASENG	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1180 E FRANCIS ST
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-673-1633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: JULIAN RENDON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1180 E FRANCIS ST
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-673-1633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190926
Handler Name: AM-TEK ENGINEERING, INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	33271
NAICS Description:	MACHINE SHOPS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

AM-TEK ENGINEERING, INC (Continued) **1025855627**

Evaluation Action Summary:
Evaluations: No Evaluations Found

73
ESE
1/8-1/4
0.210 mi.
1107 ft.

FIBERTECH POLYMERS, LLC
2150 B PARCO AVE
ONTARIO, CA 91761

San Bern. Co. Permit **S109521227**
N/A

Relative:
Lower

Actual:
846 ft.

San Bern. Co. Permit:
Name: FIBERTECH POLYMERS, LLC
Address: 2150 B PARCO AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0012171
Owner: FIBERTECH POLYMERS, LLC
Permit Number: PT0021448
Permit Category: SPECIAL GENERATOR
Facility Status: INACTIVE
Expiration Date: 04/30/2011

Name: FIBERTECH POLYMERS, LLC
Address: 2150 B PARCO AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0012171
Owner: FIBERTECH POLYMERS, LLC
Permit Number: PT0021449
Permit Category: SPECIAL HANDLER
Facility Status: INACTIVE
Expiration Date: 04/30/2011

R74
NNE
1/8-1/4
0.223 mi.
1178 ft.

MAACO AUTO PAINTING & BODY WORKS
1842 S GROVE AVE
ONTARIO, CA 91761

RCRA-SQG **1000175230**
FINDS **CAD981976616**
ECHO

Site 1 of 2 in cluster R

Relative:
Higher

Actual:
870 ft.

RCRA-SQG:
Date Form Received by Agency: 19890717
Handler Name: MAACO AUTO PAINTING & BODY WORKS
Handler Address: 1842 S GROVE AVE
Handler City,State,Zip: ONTARIO, CA 91761
EPA ID: CAD981976616
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 1842 S GROVE AVE
Contact City,State,Zip: ONTARIO, CA 91761
Contact Telephone: 714-947-1812
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported

MAACO AUTO PAINTING & BODY WORKS (Continued) **1000175230**

Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		4
Mailing Address:		S GROVE AVE
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	ALT TER CORP	
Owner Type:		County
Operator Name:	NOT REQUIRED	
Operator Type:		County
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No

MAACO AUTO PAINTING & BODY WORKS (Continued) **1000175230**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: ALT TER CORP	
Legal Status:	County
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	County
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19890717
Handler Name:	MAACO AUTO PAINTING & BODY WORKS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

MAACO AUTO PAINTING & BODY WORKS (Continued) **1000175230**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002762109

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000175230
Registry ID:	110002762109
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002762109
Name:	MAACO AUTO PAINTING & BODY WORKS
Address:	1842 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761

R75 **AMERICAN PAINT & BODY** **San Bern. Co. Permit** **S102039856**
NNE **1842 S GROVE AVE** **N/A**
1/8-1/4 **ONTARIO, CA 91761**
0.223 mi.
1178 ft. **Site 2 of 2 in cluster R**

Relative: Higher

Actual: 870 ft.

San Bern. Co. Permit:

Name:	AMERICAN PAINT & BODY
Address:	1842 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0000908
Owner:	SAAVEDRA, RAFAEL G.
Permit Number:	PT0001445
Permit Category:	SPECIAL HANDLER
Facility Status:	INACTIVE
Expiration Date:	08/31/2005

Name:	AMERICAN PAINT & BODY
Address:	1842 S GROVE AVE
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0000908
Owner:	SAAVEDRA, RAFAEL G.
Permit Number:	PT0001446
Permit Category:	SPECIAL GENERATOR
Facility Status:	INACTIVE
Expiration Date:	08/31/2005

S76 **FRONTIER CALIFORNIA, INC.-ONTARIO XD** **San Bern. Co. Permit** **S121309501**
NW **1911 S CUCAMONGA AVE** **N/A**
1/8-1/4 **ONTARIO, CA 91761**
0.227 mi.
1200 ft. **Site 1 of 3 in cluster S**

Relative: **Higher**
Actual: **869 ft.**

San Bern. Co. Permit:

Name:	FRONTIER CALIFORNIA, INC.-ONTARIO XD
Address:	1911 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0000036
Owner:	FRONTIER CALIFORNIA, INC
Permit Number:	PT0001008
Permit Category:	HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status:	ACTIVE
Expiration Date:	05/31/2022

S77 **NFI 154** **RCRA-SQG** **1016955339**
NW **1990 S CUCAMONGA AVE** **CAR000251330**
1/8-1/4 **ONTARIO, CA 91761**
0.233 mi.
1232 ft. **Site 2 of 3 in cluster S**

Relative: **Higher**
Actual: **869 ft.**

RCRA-SQG:

Date Form Received by Agency:		20211201
Handler Name:	NFI 154	
Handler Address:		1990 S CUCAMONGA AVE
Handler City,State,Zip:		ONTARIO, CA 91761-0000
EPA ID:		CAR000251330
Contact Name:		KIRK WALKER
Contact Address:		1990 S. CUCAMONGA AVE.
Contact City,State,Zip:		ONTARIO, CA 91761
Contact Telephone:		909-772-6984
Contact Fax:		Not reported
Contact Email:		KIRK.WALKER@NFIINDUSTRIES.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1990 S. CUCAMONGA AVE.
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	PROLOGIS	
Owner Type:		Private
Operator Name:	NFI	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No

NFI 154 (Continued) **1016955339**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20211202
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003

NFI 154 (Continued) **1016955339**

Waste Description: REACTIVE WASTE

Waste Code: D009
Waste Description: MERCURY

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: KTR CAPITAL PARTNERS
Legal Status: Private
Date Became Current: 19991230
Date Ended Current: Not reported
Owner/Operator Address: 601 S FIGUEROA ST
Owner/Operator City,State,Zip: LOS ANGELES, CA 90017
Owner/Operator Telephone: 213-784-4155
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PROLOGIS
Legal Status: Private
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 1990 S CUCAMONGA AVE
Owner/Operator City,State,Zip: ONTARIO, CA 91761
Owner/Operator Telephone: 213-810-1707
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SPANGAN@PROLOGIS.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: NFI
Legal Status: Private
Date Became Current: 20211201
Date Ended Current: Not reported
Owner/Operator Address: 1990 S CUCAMONGA AVE
Owner/Operator City,State,Zip: ONTARIO, CA 91761
Owner/Operator Telephone: 909-772-6984
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: KIRK.WALKER@NFIINDUSTRIES.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: HOME DEPOT USA
Legal Status: Private
Date Became Current: 19991230
Date Ended Current: Not reported
Owner/Operator Address: 2455 PACES FERRY RD

NFI 154 (Continued) **1016955339**

Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: HOME DEPOT USA	
Legal Status:	Private
Date Became Current:	19991230
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD
Owner/Operator City,State,Zip:	ATLANTA, GA 30339
Owner/Operator Telephone:	770-433-8211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: HOME DEPOT NO 6704	
Legal Status:	Private
Date Became Current:	19991230
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20191031
Handler Name: HOME DEPOT NO 6704	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	20141223
Handler Name: HOME DEPOT NO 6704	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

NFI 154 (Continued) **1016955339**

Receive Date: 20211201
Handler Name: NFI 154
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44411
NAICS Description: HOME CENTERS

NAICS Code: 49311
NAICS Description: GENERAL WAREHOUSING AND STORAGE

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

S78 **HOME DEPOT NO 6704** **HAZNET** **S106230077**
NW **1990 S CUCAMONGA AVE** **San Bern. Co. Permit** **N/A**
1/8-1/4 **ONTARIO, CA 91761** **HWTS**
0.233 mi.
1232 ft. **Site 3 of 3 in cluster S**

Relative:
Higher

Actual:
869 ft.

HAZNET:
Name: HOME DEPOT NO 6704
Address: 1990 S CUCAMONGA AVE
Address 2: Not reported
City,State,Zip: ONTARIO, CA 917610000
Contact: CHRIS BAKER
Telephone: 7136257015
Mailing Name: Not reported
Mailing Address: 5151 SAN FELIPE ST

Year: 2015
Gepaid: CAR000251330
TSD EPA ID: CAD008364432
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0095

Year: 2015
Gepaid: CAR000251330

HOME DEPOT NO 6704 (Continued) **S106230077**

TSD EPA ID: CAD008364432
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.024

Year: 2015
Gepaid: CAR000251330
TSD EPA ID: CAD008364432
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.021

Year: 2015
Gepaid: CAR000251330
TSD EPA ID: CAD008364432
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1535

Additional Info:
Year: 2015
Gen EPA ID: CAR000251330

Shipment Date: 20151201
Creation Date: 2/5/2016 22:15:30
Receipt Date: 20151208
Manifest ID: 001173199PSC
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.024
Waste Quantity: 48
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151201
Creation Date: 2/5/2016 22:15:30
Receipt Date: 20151208
Manifest ID: 001173199PSC
Trans EPA ID: CAD008364432
Trans Name: RHO CHEM LLC

HOME DEPOT NO 6704 (Continued) **S106230077**

Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0525
Waste Quantity:	105
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151201
Creation Date:	2/5/2016 22:15:30
Receipt Date:	20151208
Manifest ID:	001173199PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0095
Waste Quantity:	19
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151201
Creation Date:	2/5/2016 22:15:30
Receipt Date:	20151208
Manifest ID:	001173199PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported

HOME DEPOT NO 6704 (Continued) **S106230077**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	42
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150126
Creation Date:	3/30/2015 22:15:06
Receipt Date:	20150130
Manifest ID:	000937951PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.101
Waste Quantity:	202
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

San Bern. Co. Permit:

Name:	NATIONAL DISTRIBUTION CENTERS LLC
Address:	1990 S CUCAMONGA AVE
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0008176
Owner:	NATIONAL DISTRIBUTION CENTERS LLC
Permit Number:	PT0014333
Permit Category:	HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status:	ACTIVE
Expiration Date:	04/30/2021

HWTS:

Name:	NFI 154
Address:	1990 S CUCAMONGA AVE
Address 2:	Not reported
City,State,Zip:	ONTARIO, CA 91761
EPA ID:	CAR000251330
Inactive Date:	Not reported
Create Date:	12/31/2014
Last Act Date:	Not reported

HOME DEPOT NO 6704 (Continued) **S106230077**

Mailing Name:	Not reported
Mailing Address:	1990 S CUCAMONGA AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ONTARIO, CA 917610000
Owner Name:	NFI
Owner Address:	1990 S CUCAMONGA AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	ONTARIO, CA 917610000
Contact Name:	KIRK WALKER
Contact Address:	1990 S CUCAMONGA AVE
Contact Address 2:	Not reported
City,State,Zip:	ONTARIO, CA 917610000
Facility Status:	Active
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	34.03845
Longitude:	-117.634005

T79 **ONTARIO SERVICE CENTER** **LUST** **S101618972**
NE **1351 FRANCIS ST** **SWEEPS UST** **N/A**
1/4-1/2 **ONTARIO, CA 91761** **HIST UST**
0.391 mi. **CA FID UST**
2066 ft. **Site 1 of 2 in cluster T** **CHMIRS**
HIST CORTESE
Relative: Higher **NPDES**
CIWQS

Actual: 873 ft.

LUST:

Name:	ONTARIO SERVICE CENTER
Address:	1351 E FRANCIS ST
City,State,Zip:	ONTARIO, CA 91761
Lead Agency:	SAN BERNARDINO COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607100036
Global Id:	T0607100036
Latitude:	34.042633
Longitude:	-117.624973
Status:	Completed - Case Closed
Status Date:	11/14/1986
Case Worker:	Not reported
RB Case Number:	083600303T
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	87023
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0607100036
Contact Type:	Regional Board Caseworker
Contact Name:	PATRICIA HANNON
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	patricia.hannon@waterboards.ca.gov
Phone Number:	Not reported

ONTARIO SERVICE CENTER (Continued) **S101618972**

LUST:
Global Id: T0607100036
Action Type: ENFORCEMENT
Date: 11/14/1986
Action: Closure/No Further Action Letter

Global Id: T0607100036
Action Type: Other
Date: 06/04/1986
Action: Leak Reported

Global Id: T0607100036
Action Type: Other
Date: 05/27/1986
Action: Leak Discovery

LUST:
Global Id: T0607100036
Status: Open - Case Begin Date
Status Date: 05/27/1986

Global Id: T0607100036
Status: Open - Site Assessment
Status Date: 07/01/1986

Global Id: T0607100036
Status: Completed - Case Closed
Status Date: 11/14/1986

LUST REG 8:
Name: ONTARIO SERVICE CENTER
Address: 1351 FRANCIS ST
City: ONTARIO
Region: 8
County: San Bernardino
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083600303T
Local Case Num: 87023
Case Type: Soil only
Substance: Unleaded Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: PARCO
Enf Type: CLOS
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: Tank
Global ID: T0607100036
How Stopped Date: Not reported
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported

ONTARIO SERVICE CENTER (Continued) **S101618972**

Discover Date:	5/27/1986
Enforcement Date:	Not reported
Close Date:	11/14/1986
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	7/1/1986
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.0413398
Longitude:	-117.6250397
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	PAH
Staff Initials:	RR1
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

SWEEPS UST:

Name:	ONTARIO SERVICE CENTER
Address:	1351 E FRANCIS
City:	ONTARIO
Status:	Active
Comp Number:	66320
Number:	9
Board Of Equalization:	44-020770
Referral Date:	09-04-91
Action Date:	09-04-91
Created Date:	02-29-88
Owner Tank Id:	458
SWRCB Tank Id:	36-000-066320-000001
Tank Status:	A
Capacity:	10000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Name: ONTARIO SERVICE CENTER

ONTARIO SERVICE CENTER (Continued) **S101618972**

Address:	1351 E FRANCIS
City:	ONTARIO
Status:	Active
Comp Number:	66320
Number:	9
Board Of Equalization:	44-020770
Referral Date:	09-04-91
Action Date:	09-04-91
Created Date:	02-29-88
Owner Tank Id:	459
SWRCB Tank Id:	36-000-066320-000002
Tank Status:	A
Capacity:	Not reported
Active Date:	07-01-85
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

HIST UST:

Name:	ONTARIO SERVICES CENTER
Address:	1351 E FRANCIS
City,State,Zip:	ONTARIO, CA 91761
File Number:	0002A6C9
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A6C9.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

ONTARIO SERVICE CENTER (Continued) **S101618972**

CA FID UST:

Facility ID:	36003050
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	1351 E FRANCIS ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ONTARIO 91761
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

Facility ID:	36003050
Regulated By:	UTNKA
Regulated ID:	00022196
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	8185721801
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ONTARIO 91761
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

Facility ID:	36003050
Regulated By:	UTNKA
Regulated ID:	00066320
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	8183021801
Mail To:	Not reported
Mailing Address:	1351 E FRANCIS
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ONTARIO 91761
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

CHMIRS:

ONTARIO SERVICE CENTER (Continued) **S101618972**

Name:	Not reported
Address:	1351 EAST FRANCIS STREET
City,State,Zip:	ONTARIO, CA 91761
OES Incident Number:	4-4670
OES notification:	08/20/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	No
Spill Site:	Other
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	N/A
Other:	Not reported
Date/Time:	1040
Year:	2014
Agency:	Southern California Edison
Incident Date:	8/20/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Unknown
Site Type:	No
E Date:	Not reported
Substance:	Threathened Release of Natural Gas
Quantity Released:	N/A
Unknown:	Not reported
Substance #2:	Not reported

ONTARIO SERVICE CENTER (Continued) **S101618972**

Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Human Error
Fatals:	No
Comments:	Not reported
Description:	Caller states a contracter came in contact with an underground pipe during an excavation. Unknown if natural gas is being released. An update will be provided.

HIST CORTESE:

edr_fname:	ONTARIO SERVICE CENTER
edr_fadd1:	1351 FRANCIS
City,State,Zip:	ONTARIO, CA 91761
Region:	CORTESE
Facility County Code:	36
Reg By:	LTNKA
Reg Id:	083600303T

NPDES:

Name:	ONTARIO SERVICE CENTER PAVING
Address:	1351 EAST FRANCIS STREET
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 36W001380
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Expired
Status Date:	11/08/2013
Operator Name:	Southern California Edison
Operator Address:	2244 Walnut Grove Ave GO 1 Quad 2C
Operator City:	Rosemead

ONTARIO SERVICE CENTER (Continued) **S101618972**

Operator State:	California
Operator Zip:	91770
Name:	ONTARIO SERVICE CENTER PAVING
Address:	1351 EAST FRANCIS STREET
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 36W001152
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Expired
Status Date:	06/14/2013
Operator Name:	Southern California Edison
Operator Address:	2244 Walnut Grove Ave GO 1 Quad 2C
Operator City:	Rosemead
Operator State:	California
Operator Zip:	91770
Name:	ONTARIO SERVICE CENTER PAVING
Address:	1351 EAST FRANCIS STREET
City,State,Zip:	ONTARIO, CA 91761
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 36W000935
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Expired
Status Date:	11/16/2012

ONTARIO SERVICE CENTER (Continued) **S101618972**

Operator Name:	Southern California Edison
Operator Address:	2244 Walnut Grove Ave GO 1 Quad 2C
Operator City:	Rosemead
Operator State:	California
Operator Zip:	91770

CIWQS:

Name:	ONTARIO SERVICE CENTER PAVING
Address:	1351 EAST FRANCIS STREET
City,State,Zip:	ONTARIO, CA 91770
Agency:	Southern California Edison
Agency Address:	2244 Walnut Grove Ave GO 1 Quad 2C, Rosemead, CA 91770
Place/Project Type:	Construction - Reconstruction
SIC/NAICS:	Not reported
Region:	8
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	8 36C368193
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	11/07/2013
Termination Date:	12/26/2013
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.04266
Longitude:	-117.62502

T80 **ONTARIO SERVICE CENTER** **HIST UST** **U001570056**
NE **1351 E FRANCIS ST** **Cortese** **N/A**
1/4-1/2 **ONTARIO, CA 91761**
0.391 mi.
2066 ft. **Site 2 of 2 in cluster T**

Relative:
Higher

Actual:
873 ft.

HIST UST:

Name:	ONTARIO SERVICE CENTER
Address:	1351 E FRANCIS ST
City,State,Zip:	ONTARIO, CA 91761
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000022196
Facility Type:	Other
Other Type:	ELECTRIC UTILITY
Contact Name:	Not reported
Telephone:	8185721801
Owner Name:	SOUTHERN CALIFORNIA EDISON CO.
Owner Address:	2244 WALNUT GROVE AVENUE
Owner City,St,Zip:	ROSEMEAD, CA 91770
Total Tanks:	0001

ONTARIO SERVICE CENTER (Continued) **U001570056**

Tank Num:	001
Container Num:	230
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

CORTESE:

Name:	ONTARIO SERVICE CENTER
Address:	1351 E FRANCIS ST
City,State,Zip:	ONTARIO, CA 91761
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607100036
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

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81 **CALIFORNIA AIR NATIONAL GUARD** **LUST** **S102426114**
SSW **TAXIWAY 62 & CUCAMONGA** **Cortese** **N/A**
1/4-1/2 **ONTARIO, CA 91761** **HIST CORTESE**
0.411 mi. **CERS**
2169 ft.

Relative: **Lower**

Actual: **827 ft.**

LUST REG 8:

Name:	CALIFORNIA AIR NATIONAL GUARD
Address:	TAXIWAY 62 & CUCAMONGA
City:	ONTARIO
Region:	8
County:	San Bernardino
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083602643T
Local Case Num:	94076
Case Type:	Soil only
Substance:	Jet Fuel
Qty Leaked:	Not reported
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Cross Street:	ONTARIO INT'L AIRPORT

CALIFORNIA AIR NATIONAL GUARD (Continued) **S102426114**

Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Tank
Global ID:	T0607100375
How Stopped Date:	12/1/1994
Enter Date:	3/17/1995
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	12/1/1994
Enforcement Date:	Not reported
Close Date:	6/21/1995
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	3/17/1995
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.0342211
Longitude:	-117.6066882
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	CAB
Staff Initials:	CR2
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

CORTESE:

Name:	CALIFORNIA AIR NATIONAL GUARD
Address:	TAXIWAY 62 & CUCAMONGA
City,State,Zip:	ONTARIO, CA 91761
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607100375
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported

CALIFORNIA AIR NATIONAL GUARD (Continued) **S102426114**

Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	CALIFORNIA AIR NATIONAL G
edr_fadd1:	TAXIWAY 62 & CUCAMONGA
City,State,Zip:	ONTARIO, CA 91761
Region:	CORTESE
Facility County Code:	36
Reg By:	LTNKA
Reg Id:	083602643T

CERS:

Name:	CALIFORNIA AIR NATIONAL GUARD
Address:	TAXIWAY 62 & CUCAMONGA
City,State,Zip:	ONTARIO, CA 91761
Site ID:	253352
CERS ID:	T0607100375
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	CATHERINE RICHARDS - SAN BERNARDINO COUNTY
Entity Title:	Not reported
Affiliation Address:	620 SOUTH E STREET
Affiliation City:	SAN BERNARDINO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9093868419,

U82 **HHW SATELLITE ONTARIO** **LUST** **S103986224**
NE **1408 E FRANCIS ST** **CPS-SLIC** **N/A**
1/4-1/2 **ONTARIO, CA 91761** **Cortese**
0.419 mi. **San Bern. Co. Permit**
2212 ft. **Site 1 of 3 in cluster U** **CERS**

Relative:
Higher

Actual:
869 ft.

LUST:

Name:	ONTARIO FIRE STATION #3
Address:	1408 E FRANCIS ST
City,State,Zip:	ONTARIO, CA 91761
Lead Agency:	SAN BERNARDINO COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607100427

HHW SATELLITE ONTARIO (Continued) **S103986224**

Global Id: T0607100427
Latitude: 34.0411826
Longitude: -117.6237918
Status: Completed - Case Closed
Status Date: 07/18/1997
Case Worker: CB
RB Case Number: 083602902T
Local Agency: SAN BERNARDINO COUNTY
File Location: Local Agency
Local Case Number: 96051
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0607100427
Contact Type: Local Agency Caseworker
Contact Name: CURTIS BRUNDAGE
Organization Name: SAN BERNARDINO COUNTY
Address: 620 S. E STREET
City: SAN BERNARDINO
Email: cbrundage@sbcfire.org
Phone Number: Not reported

Global Id: T0607100427
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: valerie.jahn-bull@waterboards.ca.gov
Phone Number: 9517824903

LUST:
Global Id: T0607100427
Action Type: ENFORCEMENT
Date: 07/18/1997
Action: Closure/No Further Action Letter

Global Id: T0607100427
Action Type: Other
Date: 09/20/1996
Action: Leak Reported

Global Id: T0607100427
Action Type: REMEDIATION
Date: 09/19/1996
Action: Excavation

Global Id: T0607100427
Action Type: Other
Date: 09/19/1996
Action: Leak Stopped

Global Id: T0607100427
Action Type: ENFORCEMENT
Date: 06/19/1997

HHW SATELLITE ONTARIO (Continued) **S103986224**

Action: Closure/No Further Action Letter

Global Id: T0607100427
Action Type: Other
Date: 09/19/1996
Action: Leak Discovery

LUST:
Global Id: T0607100427
Status: Open - Case Begin Date
Status Date: 09/19/1996

Global Id: T0607100427
Status: Open - Site Assessment
Status Date: 09/19/1996

Global Id: T0607100427
Status: Completed - Case Closed
Status Date: 07/18/1997

SLIC REG 8:
Name: ONTARIO FIRE DEPT
Address: 1408 E FRANCIS
City: ONTARIO
Type: Soil
Facility Status: Closed
Staff: Kamron Saremi, Tel 909-782-4303, SLIC
Substance: TPH, PCE
Lead Agency: Regional Board
Location Code: Not reported
Thomas Bros Code: Not reported

CORTESE:
Name: ONTARIO FIRE STATION #3
Address: 1408 E FRANCIS ST
City,State,Zip: ONTARIO, CA 91761
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607100427
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported

HHW SATELLITE ONTARIO (Continued) **S103986224**

Waste Management Uit Name: Not reported
File Name: Active Open

San Bern. Co. Permit:
Name: HHW SATELLITE ONTARIO
Address: 1408 E FRANCIS ST
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0002305
Owner: HOUSEHOLD HAZARDOUS WASTE
Permit Number: PT0008365
Permit Category: HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)
Facility Status: INACTIVE
Expiration Date: 12/31/2011

Name: HHW SATELLITE ONTARIO
Address: 1408 E FRANCIS ST
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0002305
Owner: HOUSEHOLD HAZARDOUS WASTE
Permit Number: PT0016787
Permit Category: UW HANDLER WITH ANOTHER CUPA PERMIT
Facility Status: INACTIVE
Expiration Date: 12/31/2005

Name: HHW SATELLITE ONTARIO
Address: 1408 E FRANCIS ST
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0002305
Owner: HOUSEHOLD HAZARDOUS WASTE
Permit Number: PT0008371
Permit Category: PBR - HHW ANNUAL FEE
Facility Status: INACTIVE
Expiration Date: 12/31/2004

Name: HHW SATELLITE ONTARIO
Address: 1408 E FRANCIS ST
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0002305
Owner: HOUSEHOLD HAZARDOUS WASTE
Permit Number: PT0008366
Permit Category: HAZARDOUS WASTE GENERATOR - 0-10 EMPLOYEES
Facility Status: INACTIVE
Expiration Date: 12/31/2004

CERS:
Name: ONTARIO FIRE STATION #3
Address: 1408 E FRANCIS ST
City,State,Zip: ONTARIO, CA 91761
Site ID: 187527
CERS ID: T0607100427
CERS Description: Leaking Underground Storage Tank Cleanup Site

HHW SATELLITE ONTARIO (Continued) **S103986224**

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: CURTIS BRUNDAGE - SAN BERNARDINO COUNTY
Entity Title: Not reported
Affiliation Address: 620 S. E STREET
Affiliation City: SAN BERNARDINO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: VALERIE JAHN-BULL - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517824903,

U83 **ONTARIO CITY FIRE DEPARTMENT** **CPS-SLIC** **S106486922**
NE **1408 EAST FRANCIS** **CERS** **N/A**
1/4-1/2 **ONTARIO, CA**
0.419 mi.
2212 ft. **Site 2 of 3 in cluster U**

Relative:
Higher

Actual:
869 ft.

CPS-SLIC:
Name: ONTARIO CITY FIRE DEPARTMENT
Address: 1408 EAST FRANCIS
City,State,Zip: ONTARIO, CA
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 07/20/2010
Global Id: SLT8R0483932
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 34.041205
Longitude: -117.623272
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: SLT8R048
File Location: Not reported
Potential Media Affected: Soil
Potential Contaminants of Concern: Tetrachloroethylene (PCE), Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS:
Name: ONTARIO CITY FIRE DEPARTMENT
Address: 1408 EAST FRANCIS
City,State,Zip: ONTARIO, CA
Site ID: 235167
CERS ID: SLT8R0483932

ONTARIO CITY FIRE DEPARTMENT (Continued) **S106486922**

CERS Description: Cleanup Program Site

U84 **ONTARIO FIRE STATION #3** **LUST** **1000155454**
NE **1408 FRANCIS ST** **SWEEPS UST** **N/A**
1/4-1/2 **ONTARIO, CA 91761** **CA FID UST**
0.419 mi. **HIST CORTESE**
2212 ft. **Site 3 of 3 in cluster U** **CERS**

Relative:
Higher

Actual:
869 ft.

LUST REG 8:

Name:	ONTARIO FIRE STATION #3
Address:	1408 FRANCIS ST
City:	ONTARIO
Region:	8
County:	San Bernardino
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083602902T
Local Case Num:	96051
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0607100427
How Stopped Date:	9/19/1996
Enter Date:	10/23/1996
Date Confirmation of Leak Began:	9/19/1996
Date Preliminary Assessment Began:	Not reported
Discover Date:	9/19/1996
Enforcement Date:	Not reported
Close Date:	7/18/1997
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	10/23/1996
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.0411108
Longitude:	-117.6238717
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	2
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*

ONTARIO FIRE STATION #3 (Continued) **1000155454**

Staff:	VJJ
Staff Initials:	CB5
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

SWEEPS UST:

Name:	ONTARIO FIRE DEPARTMENT
Address:	1408 E FRANCIS ST
City:	ONTARIO
Status:	Not reported
Comp Number:	23339
Number:	Not reported
Board Of Equalization:	44-020778
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-023339-000002
Tank Status:	Not reported
Capacity:	4000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	4

Name:	ONTARIO FIRE DEPARTMENT
Address:	1408 E FRANCIS ST
City:	ONTARIO
Status:	Not reported
Comp Number:	23339
Number:	Not reported
Board Of Equalization:	44-020778
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-023339-000003
Tank Status:	Not reported
Capacity:	4000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Name:	ONTARIO FIRE DEPARTMENT
Address:	1408 E FRANCIS ST
City:	ONTARIO
Status:	Not reported
Comp Number:	23339

ONTARIO FIRE STATION #3 (Continued) **1000155454**

Number:	Not reported
Board Of Equalization:	44-020778
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-023339-000004
Tank Status:	Not reported
Capacity:	6000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Name:	ONTARIO FIRE DEPARTMENT
Address:	1408 E FRANCIS ST
City:	ONTARIO
Status:	Not reported
Comp Number:	23339
Number:	Not reported
Board Of Equalization:	44-020778
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-023339-000005
Tank Status:	Not reported
Capacity:	6000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Name:	ONTARIO FIRE DEPARTMENT
Address:	1408 E FRANCIS ST
City:	ONTARIO
Status:	Active
Comp Number:	23339
Number:	4
Board Of Equalization:	44-020778
Referral Date:	09-04-91
Action Date:	09-04-91
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	36-000-023339-000001
Tank Status:	A
Capacity:	1
Active Date:	08-26-88
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	3

Name:	ONTARIO FIRE DEPARTMENT
Address:	1408 E FRANCIS ST

ONTARIO FIRE STATION #3 (Continued) **1000155454**

City: ONTARIO
Status: Active
Comp Number: 23339
Number: 4
Board Of Equalization: 44-020778
Referral Date: 09-04-91
Action Date: 09-04-91
Created Date: 02-29-88
Owner Tank Id: 5-FD3
SWRCB Tank Id: 36-000-023339-000006
Tank Status: A
Capacity: 1000
Active Date: 08-26-88
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: ONTARIO FIRE DEPARTMENT
Address: 1408 E FRANCIS ST
City: ONTARIO
Status: Active
Comp Number: 23339
Number: 4
Board Of Equalization: 44-020778
Referral Date: 09-04-91
Action Date: 09-04-91
Created Date: 02-29-88
Owner Tank Id: 6-FD3
SWRCB Tank Id: 36-000-023339-000007
Tank Status: A
Capacity: 1000
Active Date: 08-26-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 36002648
Regulated By: UTNKA
Regulated ID: 00023339
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7149864579
Mail To: Not reported
Mailing Address: 1408 E FRANCIS ST
Mailing Address 2: Not reported
Mailing City,St,Zip: ONTARIO 91761
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

ONTARIO FIRE STATION #3 (Continued) **1000155454**

HIST CORTESE:

edr_fname:	ONTARIO FIRE STATION #3
edr_fadd1:	1408
City,State,Zip:	ONTARIO, CA 91761
Region:	CORTESE
Facility County Code:	36
Reg By:	LTNKA
Reg Id:	083602902T

CERS:

Name:	MONITORS LOCATED AT THE REAR OF THE FIRE STATION.
Address:	1408 FRANCIS ST.
City,State,Zip:	ONTARIO, CA 91761
Site ID:	481718
CERS ID:	110020814127
CERS Description:	US EPA Air Emission Inventory System (EIS)

85
NW
1/2-1
0.564 mi.
2976 ft.

LIGHTING RESOURCES INC **RCRA-SQG 1007200451**
805 FRANCIS ST **HWP CAL000827758**
ONTARIO, CA 91761

Relative: Higher

Actual: 880 ft.

RCRA-SQG:

Date Form Received by Agency:		20040109
Handler Name:	LIGHTING RESOURCES INC	
Handler Address:		805 FRANCIS ST
Handler City,State,Zip:		ONTARIO, CA 91761
EPA ID:		CAL000827758
Contact Name:		DAN P GILLESPIE
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		909-923-7252 x14
Contact Fax:		Not reported
Contact Email:		LRIRECYCLES@AOL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		805 FRANCIS ST
Mailing City,State,Zip:		ONTARIO, CA 91761
Owner Name:	DAN GILLESPIE	
Owner Type:		Other
Operator Name:	DAN GILLESPIE	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		Yes
Transfer Facility Activity:		No
Recycler Activity with Storage:		Yes

LIGHTING RESOURCES INC (Continued) **1007200451**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

LIGHTING RESOURCES INC (Continued) **1007200451**

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D009
Waste Description: MERCURY

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: DAN GILLESPIE	
Legal Status:	Private
Date Became Current:	19960715
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: DAN GILLESPIE	
Legal Status:	Private
Date Became Current:	19960715
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: DAN GILLESPIE	
Legal Status:	Other
Date Became Current:	19960715
Date Ended Current:	Not reported
Owner/Operator Address:	805 FRANCIS ST
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: DAN GILLESPIE	
Legal Status:	Other
Date Became Current:	19960715
Date Ended Current:	Not reported
Owner/Operator Address:	805 FRANCIS ST
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

Historic Generators:

Receive Date:	20040109
Handler Name: LIGHTING RESOURCES INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20020211
Handler Name: LIGHTING RESOURCES INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20040109
Handler Name: LIGHTING RESOURCES INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	325188
NAICS Description:	ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 19980619
Actual Return to Compliance Date: 19990319
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 19981014
Enforcement Responsible Agency: State

LIGHTING RESOURCES INC (Continued) **1007200451**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	16000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20040618
Actual Return to Compliance Date:	20040720
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	502
Date of Enforcement Action:	20040621
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20040614
Actual Return to Compliance Date: 20040707
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 504
Date of Enforcement Action: 20040707
Enforcement Responsible Agency: State

LIGHTING RESOURCES INC (Continued) **1007200451**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19980619
Actual Return to Compliance Date: 19990319
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 19981014
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 16000
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 19980619
Actual Return to Compliance Date: 19990319
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 508
Date of Enforcement Action: 19980807
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Application
Date Violation was Determined: 19980619
Actual Return to Compliance Date: 19990319
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 508
Date of Enforcement Action: 19980807
Enforcement Responsible Agency: State

LIGHTING RESOURCES INC (Continued) **1007200451**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	19980619
Actual Return to Compliance Date:	19990319
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	508
Date of Enforcement Action:	19980807
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Application
Date Violation was Determined: 19980619
Actual Return to Compliance Date: 19990319
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 19980619
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Application
Date Violation was Determined: 19980619
Actual Return to Compliance Date: 19990319
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 19990319
Enforcement Responsible Agency: State

LIGHTING RESOURCES INC (Continued) **1007200451**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12000
Paid Amount: Not reported
Final Count: 1
Final Amount: 17000

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	19980619
Actual Return to Compliance Date:	19990319
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	19990319
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	12000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	17000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	20040614
Actual Return to Compliance Date:	20040707
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	504
Date of Enforcement Action:	20040707
Enforcement Responsible Agency:	State

LIGHTING RESOURCES INC (Continued) **1007200451**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19980619
Actual Return to Compliance Date:	19990319
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	19990319
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	12000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	17000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	20040614
Actual Return to Compliance Date:	20040707
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20040615
Enforcement Responsible Agency:	State

LIGHTING RESOURCES INC (Continued) **1007200451**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20040614
Actual Return to Compliance Date: 20040707
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20040615
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 19980619
Actual Return to Compliance Date: 19990319
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 19980619
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19980619
Actual Return to Compliance Date: 19990319
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 508
Date of Enforcement Action: 19980807
Enforcement Responsible Agency: State

LIGHTING RESOURCES INC (Continued) **1007200451**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 19980619
Actual Return to Compliance Date: 19990319
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 19980619
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Application
Date Violation was Determined: 19980619
Actual Return to Compliance Date: 19990319
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 19981014
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 16000
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 19980619
Actual Return to Compliance Date: 19990319
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 19990319
Enforcement Responsible Agency: State

LIGHTING RESOURCES INC (Continued) **1007200451**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12000
Paid Amount: Not reported
Final Count: 1
Final Amount: 17000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 19980619
Actual Return to Compliance Date: 19990319
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 300
Date of Enforcement Action: 19981014
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	16000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19980619
Actual Return to Compliance Date:	19990319
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	201
Date of Enforcement Action:	19980619
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20000926
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050407
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990723
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19980619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990319
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040618
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040720
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030516
Evaluation Responsible Agency:	State

LIGHTING RESOURCES INC (Continued) **1007200451**

Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040614
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040707
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990319
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990319
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990319

LIGHTING RESOURCES INC (Continued) **1007200451**

Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19980619
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19990319
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19980619
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19990319
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19980619
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19990319
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20040629
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

Evaluation Date:	19980619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990319
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040614
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040707
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20001004
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990319
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040614
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040707
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040614
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040707
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990319
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990319
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990319
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19980619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990319
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19980619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990319
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19980619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990319
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19980619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990319
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

HWP:

EPA ID:	CAL000827758
Name:	LIGHTING RESOURCES LLC
Address:	805 E FRANCIS ST
Cleanup Status:	CLOSED
Latitude:	34.04174
Longitude:	-117.6393
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported
Site Code:	400467
Senate District:	20
Assembly District:	52
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	Lighting Resources LLC (LRL) originally operated under this EPA ID but the County of San Bernardino Fire Department requested LRL to change their ID in 2004. During the same time, they changed their name from Lighting Resources Inc to LLC so they made a Class 1 Permit Modification to reflect these changes and was issued a new permit with the updated name and EPA ID in 2005. Thus, this facility is being tracked under a new EPA ID # CAR000156125.
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	Standardized
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	96-100% (highest scores)
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported

Activities:

EPA ID:	CAL000827758
Facility Type:	Historical - Non-Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1996-06-24 00:00:00
Type:	STND
Title Description:	Imported 12/2011:STPERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	DRUMSTORAGE, FLUOR/HIDLAMPDEMANUF, FLUORHIDLAMPSTORAGE, LIGHTBALLASTSTORAGE, MANUALLYLAMPDEMANUF, SECONDFLUORHIDLAMP
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Actual Date:	04/01/1994

EPA ID:	CAL000827758
Facility Type:	Historical - Non-Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1996-06-24 00:00:00
Type:	STND
Title Description:	Imported 12/2011:STPERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	DRUMSTORAGE, FLUOR/HIDLAMPDEMANUF, FLUORHIDLAMPSTORAGE, LIGHTBALLASTSTORAGE, MANUALLYLAMPDEMANUF, SECONDFLUORHIDLAMP
Event Description:	New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date:	04/10/1996

EPA ID:	CAL000827758
Facility Type:	Historical - Non-Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1996-06-24 00:00:00
Type:	STND
Title Description:	Imported 12/2011:STPERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	DRUMSTORAGE, FLUOR/HIDLAMPDEMANUF, FLUORHIDLAMPSTORAGE, LIGHTBALLASTSTORAGE, MANUALLYLAMPDEMANUF, SECONDFLUORHIDLAMP
Event Description:	New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date:	06/24/1996

EPA ID:	CAL000827758
Facility Type:	Historical - Non-Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1996-06-24 00:00:00
Type:	STND
Title Description:	Imported 12/2011:STPERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	DRUMSTORAGE, FLUOR/HIDLAMPDEMANUF, FLUORHIDLAMPSTORAGE, LIGHTBALLASTSTORAGE, MANUALLYLAMPDEMANUF, SECONDFLUORHIDLAMP
Event Description:	New Operating Permit - APPLICATION PART A RECEIVED
Actual Date:	04/01/1994

EPA ID: CAL000827758

LIGHTING RESOURCES INC (Continued) **1007200451**

Facility Type: Historical - Non-Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1996-06-24 00:00:00
Type: STND
Title Description: Imported 12/2011:STPERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: DRUMSTORAGE, FLUOR/HIDLAMPDEMANUF, FLUORHIDLAMPSTORAGE, LIGHTBALLASTSTORAGE, MANUALLYLAMPDEMANUF, SECONDFLUORHIDLAMP
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 10/20/1994

EPA ID: CAL000827758
Facility Type: Historical - Non-Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1996-06-24 00:00:00
Type: STND
Title Description: Imported 12/2011:STPERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: DRUMSTORAGE, FLUOR/HIDLAMPDEMANUF, FLUORHIDLAMPSTORAGE, LIGHTBALLASTSTORAGE, MANUALLYLAMPDEMANUF, SECONDFLUORHIDLAMP
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 06/24/1996

Closure:
EPA ID: CAL000827758
Facility Type: Historical - Non-Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Administrative
Final Date: Not reported
Type: STND
Title Description: Admin Closure
Due Date: Not reported
Comments: EPA ID Changed during a Class 1 Permit Mod in 2005.
Unit Names: DRUMSTORAGE, FLUOR/HIDLAMPDEMANUF, FLUORHIDLAMPSTORAGE, LIGHTBALLASTSTORAGE, MANUALLYLAMPDEMANUF, SECONDFLUORHIDLAMP
Event Description: Closure Administrative - ISSUE CLOSURE VERIFICATION

LIGHTING RESOURCES INC (Continued) **1007200451**

Actual Date: 06/25/1996

Alias:
EPA ID: CAL000827758
Facility Type: Historical - Non-Operating
Facility Name: LIGHTING RESOURCES LLC
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Project Code (Site Code)
Alias: 400467

EPA ID: CAR000156125
Name: LIGHTING RESOURCES LLC
Address: 805 FRANCIS ST
Cleanup Status: OPERATING PERMIT
Latitude: 34.04174
Longitude: -117.6393
Facility Type: Permitted - Operating
Facility Size: Standardized Series A
Supervisor: PHILLIP BLUM
Site Code: Not reported
Senate District: Not reported
Assembly District: Not reported
Public Information Officer: Not reported
Commercial Offsite Facility Types: Fluorescent Lighting
Quarterly Update: Quarterly Update Period: October 2021 - December 2021 The Permit Renewal application Public Comment Period ended on July 5, 2021. DTSC received comments from the public and is currently developing a Response to Comments document. FACILITY DESCRIPTION/HISTORY The Lighting Resources facility (Facility) is located at 805 East Francis Street, Ontario, California 91761, in San Bernardino County at latitude 34 degrees 02' 30
Project Manager Lead: Not reported
Project Manager: Not reported
Permit Type: Not reported
Permit Effective Date: Not reported
Permit Expiration Date: Not reported
Calenviroscreen Score: Not reported
Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: Not reported

Activities:
EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

Type: STND
Title Description: Renewal of Standardized Hazardous Waste Facility Permit
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - With Changes - PUBLIC COMMENT (END)
Actual Date: 07/05/2021

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Renewal - No Changes
Final Date: 2021-03-12 00:00:00
Type: STND
Title Description: #3 Change of Emergency Contacts
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Mod Class 1 - No Prior Approval Required - MODIFICATION REQUEST / CLASS DETERMINATION REQUEST
Actual Date: 03/06/2021

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: Not reported
Type: STND
Title Description: Renewal of Standardized Hazardous Waste Facility Permit
Due Date: 05/30/2022
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL
Actual Date: Not reported

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT

LIGHTING RESOURCES INC (Continued) **1007200451**

Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2007-03-23 00:00:00
Type: STND
Title Description: Permit renewal
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - No Changes - PUBLIC COMMENT (PUBLIC HEARING)
Actual Date: 01/08/2007

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2007-03-23 00:00:00
Type: STND
Title Description: Permit renewal
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL
Actual Date: 03/23/2007

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2007-03-23 00:00:00
Type: STND
Title Description: Permit renewal
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date: 03/23/2017

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON

LIGHTING RESOURCES INC (Continued) **1007200451**

Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2019-02-28 00:00:00
Type:	STND
Title Description:	#2 Change of emergency contacts
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date:	02/28/2019

EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Renewal - No Changes
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Renewal of Standardized Hazardous Waste Facility Permit
Due Date:	05/17/2021
Comments:	Not reported
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Renewal - With Changes - PUBLIC COMMENT (BEGIN)
Actual Date:	05/12/2021

EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Renewal - No Changes
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Renewal of Standardized Hazardous Waste Facility Permit
Due Date:	05/15/2021
Comments:	Draft permit completed after final supervisory review and approval
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Renewal - With Changes - DRAFT PERMIT RENEWAL
Actual Date:	05/12/2021

EPA ID: CAR000156125

LIGHTING RESOURCES INC (Continued) **1007200451**

Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Renewal - No Changes
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Renewal of Standardized Hazardous Waste Facility Permit
Due Date:	05/12/2021
Comments:	Not reported
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Renewal - With Changes - TECHNICAL COMPLETE LETTER
Actual Date:	05/11/2021

EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Renewal - No Changes
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Renewal of Standardized Hazardous Waste Facility Permit
Due Date:	Not reported
Comments:	Delay due to incomplete submittal of a complete electronic and hard copies.
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Renewal - With Changes - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date:	03/05/2020

EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2019-02-28 00:00:00
Type:	STND
Title Description:	#2 Change of emergency contacts
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Mod Class 1 - No Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT

LIGHTING RESOURCES INC (Continued) **1007200451**

MOD LETTER
Actual Date: 02/28/2019

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2007-03-23 00:00:00
Type: STND
Title Description: Permit renewal
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - No Changes - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 05/15/2006

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2018-10-22 00:00:00
Type: STND
Title Description: #1 Change of emergency contacts
Due Date: Not reported
Comments: Permit application was incorrect and requested permittee to submit updated class 1 permit mod application
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - 1ST REQUEST FOR FURTHER INFORMATION
Actual Date: 08/06/2018

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2019-02-28 00:00:00
Type: STND
Title Description: #2 Change of emergency contacts

LIGHTING RESOURCES INC (Continued) **1007200451**

Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 03/23/2017

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2019-02-28 00:00:00
Type: STND
Title Description: #2 Change of emergency contacts
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 02/28/2019

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: Not reported
Type: STND
Title Description: Renewal of Standardized Hazardous Waste Facility Permit
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - With Changes - TECHNICAL REVIEW COMPLETED
Actual Date: 05/11/2021

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1996-06-24 00:00:00

LIGHTING RESOURCES INC (Continued) **1007200451**

Type:	STND
Title Description:	New Permit
Due Date:	Not reported
Comments:	Revised version 08/21/1995
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	New Operating Permit - APPLICATION PART A RECEIVED
Actual Date:	04/01/1994
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - No Changes
Final Date:	2021-08-04 00:00:00
Type:	STND
Title Description:	Change of Emergency Contact
Due Date:	Not reported
Comments:	Not reported
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Mod Class 1 - No Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date:	08/04/2021
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - No Changes
Final Date:	2021-08-04 00:00:00
Type:	STND
Title Description:	Change of Emergency Contact
Due Date:	Not reported
Comments:	Not reported
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Mod Class 1 - No Prior Approval Required - MODIFICATION REQUEST / CLASS DETERMINATION REQUEST
Actual Date:	07/29/2021
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM

LIGHTING RESOURCES INC (Continued) **1007200451**

Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2018-10-22 00:00:00
Type: STND
Title Description: #1 Change of emergency contacts
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - UPDATED APPLICATION RECEIVED
Actual Date: 10/08/2018

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2007-03-23 00:00:00
Type: STND
Title Description: Permit renewal
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - No Changes - CALL-IN LETTER ISSUED
Actual Date: 01/25/2005

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Renewal - No Changes
Final Date: 2021-08-04 00:00:00
Type: STND
Title Description: Change of Emergency Contact
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Mod Class 1 - No Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date: 08/04/2021

EPA ID: CAR000156125
Facility Type: Permitted - Operating

LIGHTING RESOURCES INC (Continued) **1007200451**

Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1996-06-24 00:00:00
Type:	STND
Title Description:	New Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	New Operating Permit - FINAL PERMIT
Actual Date:	06/24/1996

EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1996-06-24 00:00:00
Type:	STND
Title Description:	New Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Actual Date:	04/01/1994

EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1996-06-24 00:00:00
Type:	STND
Title Description:	New Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	New Operating Permit - INITIAL ADMINISTRATIVE REVIEW COMPLETED
Actual Date:	10/20/1994

LIGHTING RESOURCES INC (Continued) **1007200451**

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2007-03-23 00:00:00
Type: STND
Title Description: Permit renewal
Due Date: 10/31/2006
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - No Changes - FINAL PART A & PART B RECEIVED
Actual Date: 10/31/2006

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2007-03-23 00:00:00
Type: STND
Title Description: Permit renewal
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - No Changes - PUBLIC COMMENT (BEGIN)
Actual Date: 12/08/2006

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2007-03-23 00:00:00
Type: STND
Title Description: Permit renewal
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA

LIGHTING RESOURCES INC (Continued) **1007200451**

Event Description:	Renewal - No Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date:	03/23/2007
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Renewal - No Changes
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Renewal of Standardized Hazardous Waste Facility Permit
Due Date:	Not reported
Comments:	30 day Extension requested to 10/23/2016. Initial application received LATE on 10/28/2016. DTSC found it Administratively incomplete on 12/01/2016, new application submitted to DTSC on 12/30/2016.
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Renewal - With Changes - INITIAL ADMINISTRATIVE REVIEW COMPLETED
Actual Date:	12/01/2016
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Renewal - No Changes
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Renewal of Standardized Hazardous Waste Facility Permit
Due Date:	Not reported
Comments:	Permittee submitted electronic copy on 03/28/2019
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Renewal - With Changes - RESPONSE TO 1ST NOD RECEIVED
Actual Date:	02/21/2019
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Renewal - No Changes
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND

LIGHTING RESOURCES INC (Continued) **1007200451**

Title Description: Renewal of Standardized Hazardous Waste Facility Permit
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - With Changes - PUBLIC NOTICE - PERMIT RECEIVED
Actual Date: 10/31/2017

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: Not reported
Type: STND
Title Description: Renewal of Standardized Hazardous Waste Facility Permit
Due Date: Not reported
Comments: Issue with delivery service yet was scheduled for delivery 04/01/2020
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - With Changes - RESPONSE TO 2ND NOD RECEIVED
Actual Date: 04/03/2020

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: Not reported
Type: STND
Title Description: Renewal of Standardized Hazardous Waste Facility Permit
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - With Changes - DRAFT CEQA
Actual Date: 02/08/2019

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported

LIGHTING RESOURCES INC (Continued) **1007200451**

Permit Being Modified: Renewal - No Changes
Final Date: 2021-08-04 00:00:00
Type: STND
Title Description: Change of Emergency Contact
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Mod Class 1 - No Prior Approval Required - CLASS DETERMINATION
Actual Date: 08/02/2021

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: Not reported
Type: STND
Title Description: Renewal of Standardized Hazardous Waste Facility Permit
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - With Changes - FINAL CEQA
Actual Date: 05/12/2021

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Renewal - No Changes
Final Date: 2021-03-12 00:00:00
Type: STND
Title Description: #3 Change of Emergency Contacts
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Mod Class 1 - No Prior Approval Required - PUBLIC NOTICE OF MOD BY PERMITTEE
Actual Date: 03/15/2021

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON

LIGHTING RESOURCES INC (Continued) **1007200451**

Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Renewal - No Changes
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Renewal of Standardized Hazardous Waste Facility Permit
Due Date:	Not reported
Comments:	Permit application Administratively complete 02/22/2017
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Renewal - With Changes - ADMINISTRATIVE REVIEW APPROVED
Actual Date:	02/22/2017

EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Renewal - No Changes
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Renewal of Standardized Hazardous Waste Facility Permit
Due Date:	Not reported
Comments:	30 day Extension requested to 10/23/2016. Initial application received LATE on 10/28/2016. DTSC found it Administratively incomplete on 12/01/2016, new application submitted to DTSC on 12/30/2016.
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Renewal - With Changes - APPLICATION PART B RECEIVED
Actual Date:	10/28/2016

EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Renewal - No Changes
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Renewal of Standardized Hazardous Waste Facility Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Renewal - With Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date:	10/12/2018

LIGHTING RESOURCES INC (Continued) **1007200451**

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Renewal - No Changes
Final Date: 2021-03-12 00:00:00
Type: STND
Title Description: #3 Change of Emergency Contacts
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Mod Class 1 - No Prior Approval Required - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Actual Date: 03/12/2021

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1996-06-24 00:00:00
Type: STND
Title Description: New Permit
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 04/10/1996

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Renewal - No Changes
Final Date: 2021-03-12 00:00:00
Type: STND
Title Description: #3 Change of Emergency Contacts
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP

LIGHTING RESOURCES INC (Continued) **1007200451**

	STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Mod Class 1 - No Prior Approval Required - CEQA APPROVED AND FINAL PERMIT ISSUED
Actual Date:	03/12/2021
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1996-06-24 00:00:00
Type:	STND
Title Description:	New Permit
Due Date:	Not reported
Comments:	Not reported
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	New Operating Permit - FINAL CEQA
Actual Date:	06/24/1996
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Mod Class 1 - No Prior Approval Required
Permit Being Renewed:	Not reported
Permit Being Modified:	Renewal - No Changes
Final Date:	2021-03-12 00:00:00
Type:	STND
Title Description:	#3 Change of Emergency Contacts
Due Date:	Not reported
Comments:	Not reported
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Mod Class 1 - No Prior Approval Required - CLASS DETERMINATION
Actual Date:	03/09/2021
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - With Changes
Permit Being Renewed:	Renewal - No Changes
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND

LIGHTING RESOURCES INC (Continued) **1007200451**

Title Description: Renewal of Standardized Hazardous Waste Facility Permit
Due Date: Not reported
Comments: Reminder letter sent on 11/2/2015.
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - With Changes - CALL-IN LETTER ISSUED
Actual Date: 11/02/2015

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: Not reported
Type: STND
Title Description: Renewal of Standardized Hazardous Waste Facility Permit
Due Date: 10/30/2020
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - With Changes - FINAL PART A & PART B RECEIVED
Actual Date: 04/03/2020

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1996-06-24 00:00:00
Type: STND
Title Description: New Permit
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 06/24/2006

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Renewal - No Changes

LIGHTING RESOURCES INC (Continued) **1007200451**

Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	STND
Title Description:	Renewal of Standardized Hazardous Waste Facility Permit
Due Date:	Not reported
Comments:	Cost Estimate agreement complete 06/30/2017
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Renewal - With Changes - TECHNICAL REVIEW BEGIN
Actual Date:	07/03/2017
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - No Changes
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2007-03-23 00:00:00
Type:	STND
Title Description:	Permit renewal
Due Date:	10/31/2006
Comments:	Not reported
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Renewal - No Changes - TECHNICAL COMPLETE LETTER
Actual Date:	10/31/2006
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - No Changes
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2007-03-23 00:00:00
Type:	STND
Title Description:	Permit renewal
Due Date:	Not reported
Comments:	Not reported
Unit Names:	HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description:	Renewal - No Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date:	04/04/2006
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM

LIGHTING RESOURCES INC (Continued) **1007200451**

Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2007-03-23 00:00:00
Type: STND
Title Description: Permit renewal
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - No Changes - PUBLIC COMMENT (END)
Actual Date: 02/06/2007

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: Not reported
Type: STND
Title Description: Renewal of Standardized Hazardous Waste Facility Permit
Due Date: Not reported
Comments: 30 day Extension requested to 10/23/2016. Initial application received LATE on 10/28/2016. DTSC found it Administratively incomplete on 12/01/2016, new application submitted to DTSC on 12/30/2016.
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: Renewal - With Changes - APPLICATION PART A RECEIVED
Actual Date: 10/28/2016

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: Mod Class 1 - No Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2018-10-22 00:00:00
Type: STND
Title Description: #1 Change of emergency contacts
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 10/22/2018

EPA ID: CAR000156125
Facility Type: Permitted - Operating

LIGHTING RESOURCES INC (Continued) **1007200451**

Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1996-06-24 00:00:00
Type: STND
Title Description: New Permit
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: New Operating Permit - PUBLIC COMMENT (END)
Actual Date: 04/10/1996

EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1996-06-24 00:00:00
Type: STND
Title Description: New Permit
Due Date: Not reported
Comments: Not reported
Unit Names: HAZARDOUS WASTE STORAGE AREA, HID GLOVE BOX, HID STORAGE AREA, LAMP STORAGE AREA, LAMPMACHINE, TRAILER STORAGE AREA
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 06/24/1996

Maint:
EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Title: 66264.16(f) Training Certification
Document Type: Certification Documents from Facility
Receive Date: 03/03/2021
Project Manager: PAULETTE PENTON
Project Manager Lead: PAULETTE PENTON
Supervisor: PHILLIP BLUM
Facility Status: OPERATING PERMIT
Due Date: Not reported

Alias:
EPA ID: CAR000156125
Facility Type: Permitted - Operating
Facility Name: LIGHTING RESOURCES LLC
Facility Status: OPERATING PERMIT

LIGHTING RESOURCES INC (Continued) **1007200451**

Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Alias Type:	APN
Alias:	105022104
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Facility Status:	OPERATING PERMIT
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Alias Type:	Project Code (Site Code)
Alias:	400467
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Facility Status:	OPERATING PERMIT
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Alias Type:	Project Code (Site Code)
Alias:	401467
EPA ID:	CAR000156125
Facility Type:	Permitted - Operating
Facility Name:	LIGHTING RESOURCES LLC
Facility Status:	OPERATING PERMIT
Project Manager:	PAULETTE PENTON
Project Manager Lead:	PAULETTE PENTON
Supervisor:	PHILLIP BLUM
Alias Type:	Project Code (Site Code)
Alias:	500315

86
ESE
1/2-1
0.845 mi.
4462 ft.

DANCO
1750 MONTICELLO CT
ONTARIO, CA 91761

ENVIROSTOR **S106830070**
EMI **N/A**
San Bern. Co. Permit
CERS

Relative:
Lower

Actual:
833 ft.

ENVIROSTOR:

Name:	DANCO
Address:	1750 MONTICELLO CT
City,State,Zip:	ONTARIO, CA 91761
Facility ID:	71004100
Status:	Inactive - Needs Evaluation
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

DANCO (Continued) **S106830070**

Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 52
Senate: 20
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.03279
Longitude: -117.6145
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000070402
Alias Type: EPA Identification Number
Alias Name: 71004100
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:
Name: DIMAD METAL FINISHING
Address: 1750 MONTICELLO COURT
City,State,Zip: ONTARIO, CA 91786
Year: 1990
County Code: 36
Air Basin: SC
Facility ID: 61110
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: 2
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

DANCO (Continued) **S106830070**

San Bern. Co. Permit:

Name:	DANCO METAL SURFACING
Address:	1750 MONTICELLO CT
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0002630
Owner:	DANCO ANODIZING
Permit Number:	PT0018595
Permit Category:	CA UNIT (NB)
Facility Status:	ACTIVE
Expiration Date:	09/30/2022

Name:	DANCO METAL SURFACING
Address:	1750 MONTICELLO CT
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0002630
Owner:	DANCO ANODIZING
Permit Number:	PT0004870
Permit Category:	RCRA LARGE QUANTITY GENERATOR
Facility Status:	ACTIVE
Expiration Date:	09/30/2022

Name:	DANCO METAL SURFACING
Address:	1750 MONTICELLO CT
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0002630
Owner:	DANCO ANODIZING
Permit Number:	PT0026349
Permit Category:	WASTE-GENERATING RECYCLER (ONSITE)
Facility Status:	ACTIVE
Expiration Date:	09/30/2022

Name:	DANCO METAL SURFACING
Address:	1750 MONTICELLO CT
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0002630
Owner:	DANCO ANODIZING
Permit Number:	PT0004871
Permit Category:	HAZARDOUS MATERIALS 11-30 CHEMICALS
Facility Status:	ACTIVE
Expiration Date:	09/30/2022

Name:	DANCO METAL SURFACING
Address:	1750 MONTICELLO CT
City,State,Zip:	ONTARIO, CA 91761
Region:	SAN BERNARDINO
Facility ID:	FA0002630
Owner:	DANCO ANODIZING
Permit Number:	PT0004869
Permit Category:	PBR ANNUAL FEE
Facility Status:	ACTIVE
Expiration Date:	09/30/2022

Name: DANCO METAL SURFACING

DANCO (Continued) **S106830070**

Address: 1750 MONTICELLO CT
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0002630
Owner: DANCO ANODIZING
Permit Number: PT0037566
Permit Category: RCRA LARGE QUANTITY GENERATOR
Facility Status: INACTIVE
Expiration Date: 09/30/2019

Name: DANCO METAL SURFACING
Address: 1750 MONTICELLO CT
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0002630
Owner: DANCO ANODIZING
Permit Number: PT0004873
Permit Category: CALARP FACILITY PERMIT
Facility Status: INACTIVE
Expiration Date: 09/30/2013

Name: DANCO METAL SURFACING
Address: 1750 MONTICELLO CT
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0002630
Owner: DANCO ANODIZING
Permit Number: PT0023568
Permit Category: RMP INSPECTION - PROGRAM 1
Facility Status: INACTIVE
Expiration Date: 09/30/2013

Name: DANCO METAL SURFACING
Address: 1750 MONTICELLO CT
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0002630
Owner: DANCO ANODIZING
Permit Number: PT0017061
Permit Category: HAZARDOUS WASTE GENERATOR RCRA LQG
Facility Status: INACTIVE
Expiration Date: 09/30/2011

Name: DANCO METAL SURFACING
Address: 1750 MONTICELLO CT
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0002630
Owner: DANCO ANODIZING
Permit Number: PT0018671
Permit Category: UW HANDLER WITH ANOTHER CUPA PERMIT
Facility Status: INACTIVE
Expiration Date: 09/30/2011

CERS:
Name: DANCO ANODIZING (DBA DANCO METAL SURFACING)
Address: 1750 MONTICELLO CT

DANCO (Continued) **S106830070**

City,State,Zip: ONTARIO, CA 91761
Site ID: 110164
CERS ID: 91761NMLDB1750M
CERS Description: Toxic Release Inventory

Affiliation:
Affiliation Type Desc: Company Official
Entity Name: Jeffrey Clark
Entity Title: EHS Manager
Affiliation Address: PO BOX 660727
Affiliation City: ARCADIA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

Affiliation Type Desc: Technical Contact
Entity Name: Jeff Clark
Entity Title: Not reported
Affiliation Address: PO BOX 660727
Affiliation City: ARCADIA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: 9099230562,

Affiliation Type Desc: Public Contact
Entity Name: Jeff Clark
Entity Title: Not reported
Affiliation Address: PO BOX 660727
Affiliation City: ARCADIA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: 9099230562,

Affiliation Type Desc: Parent Company
Entity Name: DANCO ANODIZING
Entity Title: Not reported
Affiliation Address: PO BOX 660727
Affiliation City: ARCADIA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91761
Affiliation Phone: ,

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87 **KEYSTONE PRODUCTS** **ENVIROSTOR** **U001570016**
NNW **1333 S BON VIEW AVE** **VCP** **N/A**
1/2-1 **ONTARIO, CA 91761** **HIST UST**
0.933 mi. **DEED**
4925 ft. **EMI**
San Bern. Co. Permit
Relative: **CERS**
Higher

Actual: ENVIROSTOR:
917 ft. Name: OAKWOOD INTERIORS SITE
Address: 1333 S BON VIEW AVE

KEYSTONE PRODUCTS (Continued) **U001570016**

City,State,Zip: ONTARIO, CA 91761
Facility ID: 36340065
Status: Certified O&M - Land Use Restrictions Only
Status Date: 12/15/2008
Site Code: 400844
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Agreement
Acres: 9.8
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Anthony Rosas
Supervisor: Maryam Tasnif-Abbasi
Division Branch: Cleanup Cypress
Assembly: 52
Senate: 20
Special Program: Voluntary Agreement - Standard Voluntary Agreement
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.04904
Longitude: -117.6361
APN: 1049-421-01, 1049-421-02, 1049-431-06, 104942101, 104942102, 104943106
Not reported
Past Use: METAL PLATING - CHROME
Potential COC: Arsenic
Confirmed COC: Arsenic
Potential Description: OTH, SOIL
Alias Name: 1333 BON VIEW CORP. - OAKWOOD INTERIORS
Alias Type: Alternate Name
Alias Name: OAKWOOD INTERIORS SITE
Alias Type: Alternate Name
Alias Name: 1049-421-01
Alias Type: APN
Alias Name: 1049-421-02
Alias Type: APN
Alias Name: 1049-431-06
Alias Type: APN
Alias Name: 104942101
Alias Type: APN
Alias Name: 104942102
Alias Type: APN
Alias Name: 104943106
Alias Type: APN
Alias Name: 110033612400
Alias Type: EPA (FRS #)
Alias Name: 400844
Alias Type: Project Code (Site Code)
Alias Name: 36340065
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: 04/09/2014
Comments: Not reported

KEYSTONE PRODUCTS (Continued) **U001570016**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2014
Comments: Sent annual cost estimate letter with REW to Mike Sigsbee of the City of Ontario (RP) for FY 14/15.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/18/2015
Comments: DTSC completed review of annual LUC inspection report submitted by RP. DTSC did not visit the site in 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/20/2015
Comments: DTSC mailed annual cost estimation letter to RP on 8/19/2015 and emailed it to RP on 8/20/2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/22/2016
Comments: DTSC received the inspection report for 2016 from the City of Ontario (owner). No earth disturbance and no violations of the LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/13/2017
Comments: DTSC received RP's annual LUC inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/09/2008
Comments: Soil Management Plan completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 03/05/2007
Comments: DTSC revised HRA to minimize turnaround time. See attached DTSC letter dated 4/30/2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/06/2006
Comments: The objective of the SI is to further assess the site for the possible presence of elevated concentrations of various chemical compounds at the site. This SI report describes site investigation activities performed to provide additional subsurface information to supplement previous environmental investigations performed at the Site. Based upon the results of the site investigation, the nature

KEYSTONE PRODUCTS (Continued) **U001570016**

and extent of the contaminants have been delineated such that potential risks to human health and the environment can be conservatively assessed. DTSC s previous comments regarding the SI have been adequately addressed. Therefore, DTSC hereby approves the SI.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/28/2011
Comments: Annual LUC site inspection and report completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/20/2013
Comments: Site visit on 2/4/2013 & DTSC report completed. Owner submitted their report on 2/15/2013 as per the LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/05/2007
Comments: 2008 Annual Cost Estimate letter sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 12/09/2008
Comments: LUC recorded with County of San Bernardino.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/15/2008
Comments: Site has been certified with an LUC recorded with the County of San Bernardino.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/19/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 02/15/2006
Comments: Approval of Workplan and proceed work on Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 06/25/2002
Comments: DTSC has entered into a Voluntary Cleanup Agreement with Bon View (Oakwood) for an RI/FS.

KEYSTONE PRODUCTS (Continued) **U001570016**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	06/30/2000
Comments:	DTSC entered into a Voluntary Cleanup Agreement (VCA) with Bon View Corporation (Proponent) to review and comment on reports of prior investigations and remediation conducted at Oakwood Interiors Site. All prior activities at the Site were conducted without DTSC oversight. The materials were deemed not to be equivalent to a PEA and a PEA has been requested.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Project Management
Completed Date:	06/30/2021
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/29/2020
Comments:	Cost Estimation Letter & REW emailed to Michael Sigsbee of the City of Ontario.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	02/14/2018
Comments:	Received the report via email in a pdf and then the hardcopy in the mail upon request.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/05/2016
Comments:	Yearly cost estimate letter and REW for FY 16/17 sent to RP.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	02/20/2018
Comments:	Received the designs for the construction in hardcopy and the since the construction work is not being conducted in the restricted areas, DTSC PM gave okay to proceed.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	03/12/2019
Comments:	RP submitted annual LUC inspection report.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/14/2018
Comments:	DTSC sent cost estimate to RP.

KEYSTONE PRODUCTS (Continued) **U001570016**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/27/2017
Comments: DTSC sent annual cost estimation letter and REW to RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2019
Comments: CE Letter & REW emailed to RP on 9/30/2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/12/2020
Comments: Report submitted by City of Ontario and accepted by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/10/2021
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:
Name: OAKWOOD INTERIORS SITE
Address: 1333 S BON VIEW AVE
City,State,Zip: ONTARIO, CA 91761
Facility ID: 36340065
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 9.8
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Anthony Rosas
Supervisor: Maryam Tasnif-Abbasi
Division Branch: Cleanup Cypress
Site Code: 400844
Assembly: 52
Senate: 20
Special Programs Code: Voluntary Agreement - Standard Voluntary Agreement
Status: Certified O&M - Land Use Restrictions Only
Status Date: 12/15/2008
Restricted Use: YES

KEYSTONE PRODUCTS (Continued) **U001570016**

Funding: Responsible Party
Lat/Long: 34.04904 / -117.6361
APN: 1049-421-01, 1049-421-02, 1049-431-06, 104942101, 104942102, 104943106
Not reported
Past Use: METAL PLATING - CHROME
Potential COC: 30001
Confirmed COC: 30001
Potential Description: OTH, SOIL
Alias Name: 1333 BON VIEW CORP. - OAKWOOD INTERIORS
Alias Type: Alternate Name
Alias Name: OAKWOOD INTERIORS SITE
Alias Type: Alternate Name
Alias Name: 1049-421-01
Alias Type: APN
Alias Name: 1049-421-02
Alias Type: APN
Alias Name: 1049-431-06
Alias Type: APN
Alias Name: 104942101
Alias Type: APN
Alias Name: 104942102
Alias Type: APN
Alias Name: 104943106
Alias Type: APN
Alias Name: 110033612400
Alias Type: EPA (FRS #)
Alias Name: 400844
Alias Type: Project Code (Site Code)
Alias Name: 36340065
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: 04/09/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2014
Comments: Sent annual cost estimate letter with REW to Mike Sigsbee of the City of Ontario (RP) for FY 14/15.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/18/2015
Comments: DTSC completed review of annual LUC inspection report submitted by RP. DTSC did not visit the site in 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/20/2015
Comments: DTSC mailed annual cost estimation letter to RP on 8/19/2015 and emailed it to RP on 8/20/2015.

KEYSTONE PRODUCTS (Continued) **U001570016**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/22/2016
Comments: DTSC received the inspection report for 2016 from the City of Ontario (owner). No earth disturbance and no violations of the LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/13/2017
Comments: DTSC received RP's annual LUC inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/09/2008
Comments: Soil Management Plan completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 03/05/2007
Comments: DTSC revised HRA to minimize turnaround time. See attached DTSC letter dated 4/30/2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/06/2006
Comments: The objective of the SI is to further assess the site for the possible presence of elevated concentrations of various chemical compounds at the site. This SI report describes site investigation activities performed to provide additional subsurface information to supplement previous environmental investigations performed at the Site. Based upon the results of the site investigation, the nature and extent of the contaminants have been delineated such that potential risks to human health and the environment can be conservatively assessed. DTSC s previous comments regarding the SI have been adequately addressed. Therefore, DTSC hereby approves the SI.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/28/2011
Comments: Annual LUC site inspection and report completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/20/2013
Comments: Site visit on 2/4/2013 & DTSC report completed. Owner submitted their report on 2/15/2013 as per the LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

KEYSTONE PRODUCTS (Continued) **U001570016**

Completed Document Type: Correspondence
Completed Date: 11/05/2007
Comments: 2008 Annual Cost Estimate letter sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 12/09/2008
Comments: LUC recorded with County of San Bernardino.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/15/2008
Comments: Site has been certified with an LUC recorded with the County of San Bernardino.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/19/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 02/15/2006
Comments: Approval of Workplan and proceed work on Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 06/25/2002
Comments: DTSC has entered into a Voluntary Cleanup Agreement with Bon View (Oakwood) for an RI/FS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 06/30/2000
Comments: DTSC entered into a Voluntary Cleanup Agreement (VCA) with Bon View Corporation (Proponent) to review and comment on reports of prior investigations and remediation conducted at Oakwood Interiors Site. All prior activities at the Site were conducted without DTSC oversight. The materials were deemed not to be equivalent to a PEA and a PEA has been requested.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2020

KEYSTONE PRODUCTS (Continued) **U001570016**

Comments: Cost Estimation Letter & REW emailed to Michael Sigsbee of the City of Ontario.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/14/2018
Comments: Received the report via email in a pdf and then the hardcopy in the mail upon request.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/05/2016
Comments: Yearly cost estimate letter and REW for FY 16/17 sent to RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/20/2018
Comments: Received the designs for the construction in hardcopy and the since the construction work is not being conducted in the restricted areas, DTSC PM gave okay to proceed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/12/2019
Comments: RP submitted annual LUC inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/14/2018
Comments: DTSC sent cost estimate to RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/27/2017
Comments: DTSC sent annual cost estimation letter and REW to RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2019
Comments: CE Letter & REW emailed to RP on 9/30/2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/12/2020
Comments: Report submitted by City of Ontario and accepted by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit

KEYSTONE PRODUCTS (Continued) **U001570016**

Completed Date: 02/10/2021
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST UST:
Name: KEYSTONE PRODUCTS
Address: 1333 S BON VIEW AVE
City,State,Zip: ONTARIO, CA 91761
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000008410
Facility Type: Other
Other Type: Not reported
Contact Name: C. A. MARTINEZ
Telephone: 7149471212
Owner Name: KEYSTONE PRODUCTS
Owner Address: 1333 SO BONVIEW
Owner City,St,Zip: ONTARIO, CA 91761
Total Tanks: 0007

Tank Num: 001
Container Num: #2
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: #3
Year Installed: 1973
Tank Capacity: 00003000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: None

Tank Num: 003
Container Num: #7
Year Installed: 1981
Tank Capacity: 00000720
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: None

KEYSTONE PRODUCTS (Continued) **U001570016**

Tank Num: 004
Container Num: #4
Year Installed: 1981
Tank Capacity: 00000640
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: None

Tank Num: 005
Container Num: #5
Year Installed: 1970
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: None

Tank Num: 006
Container Num: #6
Year Installed: 1981
Tank Capacity: 00000135
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: None

Tank Num: 007
Container Num: #1
Year Installed: 1977
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

DEED:
Name: OAKWOOD INTERIORS SITE
Address: 1333 S BON VIEW AVE
City,State,Zip: ONTARIO, CA 91761
Envirostor ID: 36340065
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): Not reported
File Name: Envirostor Land Use Restrictions

EMI:
Name: CREATIVE IDEAS, BALSAMO ENTERPRISE, INC
Address: 1333 S BON VIEW AVE
City,State,Zip: ONTARIO, CA 91761
Year: 2006
County Code: 36

KEYSTONE PRODUCTS (Continued) **U001570016**

Air Basin: SC
Facility ID: 148068
Air District Name: SC
SIC Code: 2511
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: 1.158011944528798461
Reactive Organic Gases Tons/Yr: 1.144
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .132
Part. Matter 10 Micrometers and Smllr Tons/Yr: .0528

Name: CREATIVE IDEAS, BALSAMO ENTERPRISE, INC
Address: 1333 S BON VIEW AVE
City,State,Zip: ONTARIO, CA 91761
Year: 2007
County Code: 36
Air Basin: SC
Facility ID: 148068
Air District Name: SC
SIC Code: 2511
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: 1.158011944528798461
Reactive Organic Gases Tons/Yr: 1.144
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .132
Part. Matter 10 Micrometers and Smllr Tons/Yr: .0528

San Bern. Co. Permit:
Name: OAKWOOD INTERIORS
Address: 1333 S BON VIEW AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0005030
Owner: OAKWOOD INTERIORS
Permit Number: PT0000263
Permit Category: HAZMAT HANDLER 26-50 EMPLOYEES (W/GEN PRMT)
Facility Status: INACTIVE
Expiration Date: 11/30/2009

Name: OAKWOOD INTERIORS
Address: 1333 S BON VIEW AVE
City,State,Zip: ONTARIO, CA 91761
Region: SAN BERNARDINO
Facility ID: FA0005030
Owner: OAKWOOD INTERIORS
Permit Number: PT0000249
Permit Category: HAZARDOUS WASTE GENERATOR - 26-50 EMPLOYEES
Facility Status: INACTIVE
Expiration Date: 11/30/2009

KEYSTONE PRODUCTS (Continued) **U001570016**

CERS:
Name: OAKWOOD INTERIORS SITE
Address: 1333 S BON VIEW AVE
City,State,Zip: ONTARIO, CA 91761
Site ID: 483953
CERS ID: 110033612400
CERS Description: US EPA Air Emission Inventory System (EIS)

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88 **ONTARIO A.N.G. TRAINING SITE** **ENVIROSTOR** **S107736959**
NNE **N/A**
1/2-1 **ONTARIO, CA**
0.946 mi.
4996 ft.

Relative:
Higher

Actual:
913 ft.

ENVIROSTOR:
Name: ONTARIO A.N.G. TRAINING SITE
Address: Not reported
City,State,Zip: ONTARIO, CA
Facility ID: 80000415
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: 38
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 52
Senate: 20
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 34.05
Longitude: -117.625
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: ONTARIO ANG TNG SITE
Alias Type: Alternate Name
Alias Name: CA99799F554300
Alias Type: Federal Facility ID
Alias Name: J09CA0522
Alias Type: INPR
Alias Name: 80000415
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

ONTARIO A.N.G. TRAINING SITE (Continued) **S107736959**

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

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ONTARIO	1009508586	SO CAL GAS/ONTARIO MGP	CORNER OF CAMPUS, MARTLAND, MO	91761	EDR MGP

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

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 10/10/2022
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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/27/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/19/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 71

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/03/2022
Next Scheduled EDR Contact: 11/21/2022
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: 05/16/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
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: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 06/21/2022
Number of Days to Update: 6

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/15/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

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: 04/25/2022
Date Data Arrived at EDR: 04/26/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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: 04/25/2022
Date Data Arrived at EDR: 04/26/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/09/2022
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 81

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/08/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 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 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 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST 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 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

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/11/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/28/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/29/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/07/2022
Date Data Arrived at EDR: 03/08/2022
Date Made Active in Reports: 06/03/2022
Number of Days to Update: 87

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/09/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/09/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/07/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/14/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/28/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/15/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/25/2022
Date Data Arrived at EDR: 04/26/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/21/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/08/2022
Next Scheduled EDR Contact: 09/26/2022
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: 07/19/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/24/2022
Date Made Active in Reports: 05/25/2022
Number of Days to Update: 90

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 11/21/2022
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: 07/21/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176
Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/21/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 04/30/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
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: 04/25/2022
Date Data Arrived at EDR: 04/26/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 80
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2022
Next Scheduled EDR Contact: 11/07/2022
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: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/18/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 84

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 04/30/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 12/10/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 06/10/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 05/05/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/21/2022
Number of Days to Update: 76

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/18/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 84

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/25/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 05/31/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 05/31/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/21/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 85

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/03/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 84

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/11/2022
Date Data Arrived at EDR: 05/17/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 73

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
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: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/08/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/03/2022
Next Scheduled EDR Contact: 11/21/2022
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: 03/21/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 07/29/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/04/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 09/12/2022
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: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/14/2022
Next Scheduled EDR Contact: 10/31/2022
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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 11/14/2022
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: 01/20/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 64

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/08/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/10/2022
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 69

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/31/2022
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: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/02/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/04/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/23/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/21/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2022
Date Data Arrived at EDR: 04/14/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/29/2022
Next Scheduled EDR Contact: 10/17/2022
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: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/08/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/24/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 08/01/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/21/2022
Date Data Arrived at EDR: 03/22/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 3

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/02/2022
Date Data Arrived at EDR: 05/25/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 65

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 68

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/13/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 13

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 05/18/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/22/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/02/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/07/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/17/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 73
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/21/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 85
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 12/07/2021
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 05/17/2022
Number of Days to Update: 8
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/25/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 77

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 05/20/2022
Date Data Arrived at EDR: 05/20/2022
Date Made Active in Reports: 08/09/2022
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 09/26/2022
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: 04/12/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 42

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/19/2022
Date Data Arrived at EDR: 04/29/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/21/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 02/24/2022
Date Made Active in Reports: 05/18/2022
Number of Days to Update: 83

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/05/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/17/2022
Date Made Active in Reports: 08/03/2022
Number of Days to Update: 78

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/17/2022
Date Made Active in Reports: 08/03/2022
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/05/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 06/27/2022
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/05/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/06/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 05/31/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/09/2022
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/08/2022
Next Scheduled EDR Contact: 11/21/2022
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: 05/31/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 05/31/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/11/2022
Date Data Arrived at EDR: 03/15/2022
Date Made Active in Reports: 06/08/2022
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/09/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/08/2022
Next Scheduled EDR Contact: 10/17/2022
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: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/16/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/18/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 84
Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/05/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 04/26/2022
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 07/06/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196
Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 06/29/2022
Date Data Arrived at EDR: 06/29/2022
Date Made Active in Reports: 07/21/2022
Number of Days to Update: 22
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/29/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 07/22/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 5
Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/17/2022
Date Data Arrived at EDR: 03/18/2022
Date Made Active in Reports: 06/08/2022
Number of Days to Update: 82

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 04/21/2022
Date Data Arrived at EDR: 04/22/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 81

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/19/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 05/04/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/19/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/16/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 82

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/20/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/18/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 84

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 05/06/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 81

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 81

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 02/10/2022
Date Data Arrived at EDR: 02/11/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 82

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/07/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/09/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/04/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 04/13/2022
Number of Days to Update: 8

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 06/29/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/11/2022
Date Data Arrived at EDR: 04/12/2022
Date Made Active in Reports: 07/05/2022
Number of Days to Update: 84

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/11/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/21/2022
Date Made Active in Reports: 04/11/2022
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/06/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 01/10/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 04/04/2022
Number of Days to Update: 82

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/06/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/13/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/15/2022
Number of Days to Update: 86

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/24/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 01/13/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/15/2022
Number of Days to Update: 86

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/24/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/14/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/06/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 04/21/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 82

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/22/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/11/2022
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/21/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 3

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/19/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/03/2022
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 05/03/2022
Date Made Active in Reports: 07/20/2022
Number of Days to Update: 78

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/01/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/25/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 06/01/2022
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 03/31/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 04/08/2022
Number of Days to Update: 8

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/09/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 03/31/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 04/08/2022
Number of Days to Update: 8

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/09/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/30/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/04/2022
Date Data Arrived at EDR: 06/30/2022
Date Made Active in Reports: 07/05/2022
Number of Days to Update: 5

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/30/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 04/29/2022
Date Data Arrived at EDR: 04/29/2022
Date Made Active in Reports: 05/05/2022
Number of Days to Update: 6

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/12/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 05/18/2022
Number of Days to Update: 6

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/31/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 05/31/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/27/2021
Date Data Arrived at EDR: 03/04/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 88

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 05/05/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 83

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/05/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/20/2022
Number of Days to Update: 75

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 01/18/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 04/27/2022
Number of Days to Update: 97

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 07/05/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/09/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/04/2022
Number of Days to Update: 78

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/02/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/04/2022
Number of Days to Update: 78

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/11/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 05/03/2022
Date Data Arrived at EDR: 05/27/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 76

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/18/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 07/12/2022
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/13/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/12/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/28/2022
Date Data Arrived at EDR: 04/28/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 78

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/22/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/28/2022
Date Data Arrived at EDR: 04/28/2022
Date Made Active in Reports: 07/15/2022
Number of Days to Update: 78

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/18/2022
Next Scheduled EDR Contact: 10/31/2022
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/26/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/24/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 06/27/2022
Number of Days to Update: 88

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/22/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 84

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 11/07/2022
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: 05/08/2022
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 80

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/08/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/29/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/06/2022
Next Scheduled EDR Contact: 10/24/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/10/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/03/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

2042 SOUTH GROVE AVENUE
2042 SOUTH GROVE AVENUE
ONTARIO, CA 91761

TARGET PROPERTY COORDINATES

Latitude (North):	34.036184 - 34ˆ 2’ 10.26’’
Longitude (West):	117.629684 - 117ˆ 37’ 46.86’’
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	441873.0
UTM Y (Meters):	3766152.2
Elevation:	856 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12016009 ONTARIO, CA
Version Date:	2018
Northeast Map:	12015973 GUASTI, CA
Version Date:	2018

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

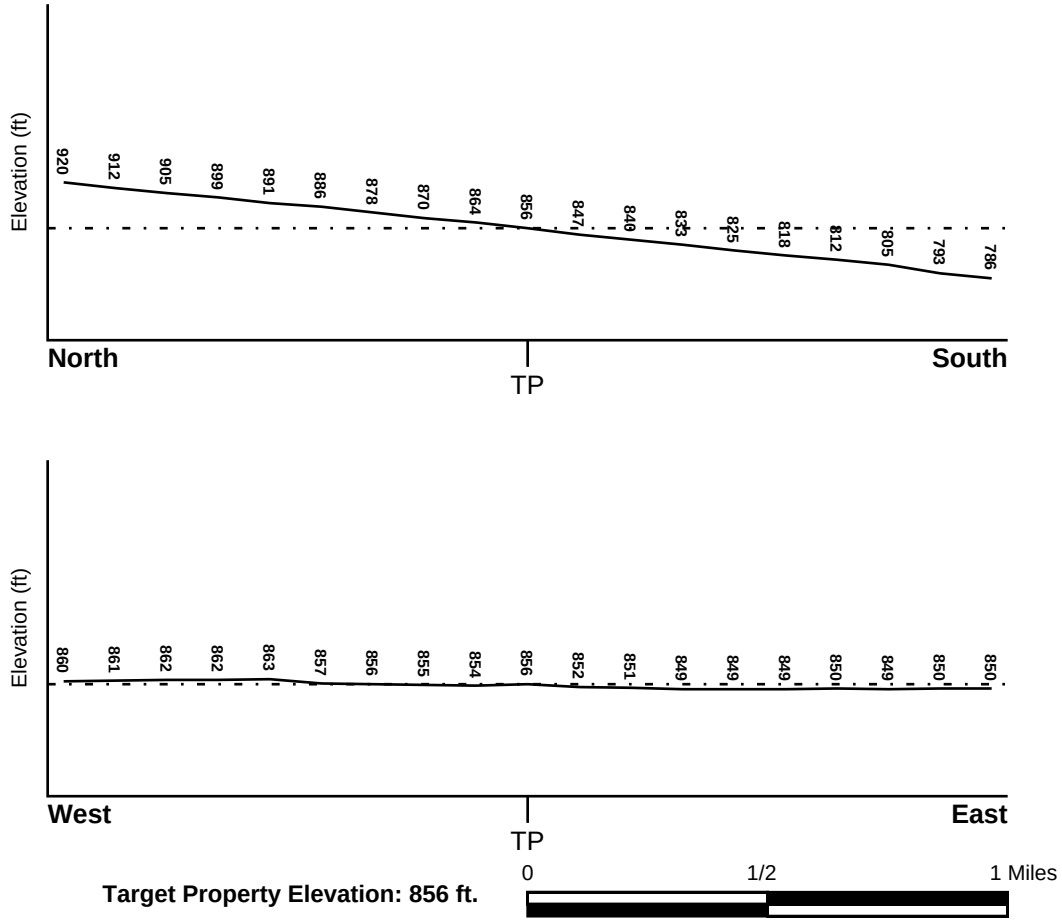
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06037C1750F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06071C8617J	FEMA FIRM Flood data
06071C8636J	FEMA FIRM Flood data
06071C8620H	FEMA FIRM Flood data
06071C8638H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
ONTARIO	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

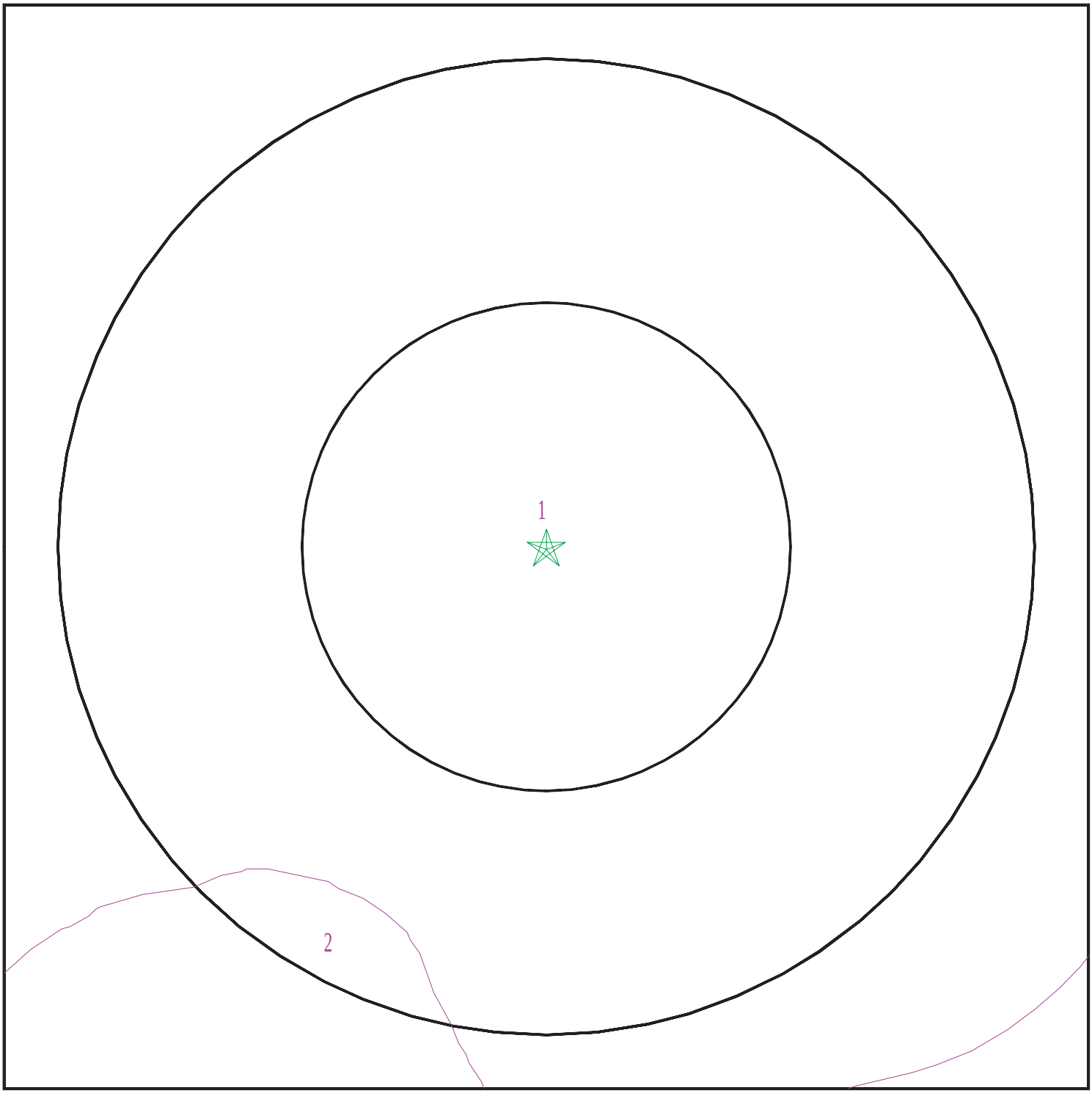
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

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).

SSURGO SOIL MAP - 7097762.2s



SITE NAME:	2042 South Grove Avenue	CLIENT:	Roux Associates
ADDRESS:	2042 South Grove Avenue Ontario CA 91761	CONTACT:	Ashley Whitaker
		INQUIRY #:	7097762.2s
LAT/LONG:	34.036184 / 117.629684	DATE:	August 25, 2022 12:00 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: TUJUNGA

Soil Surface Texture: gravelly loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1
2	18 inches	59 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1

Soil Map ID: 2

Soil Component Name: HILMAR

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	22 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
2	22 inches	59 inches	stratified loamy sand to loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
11	USGS40000140077	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

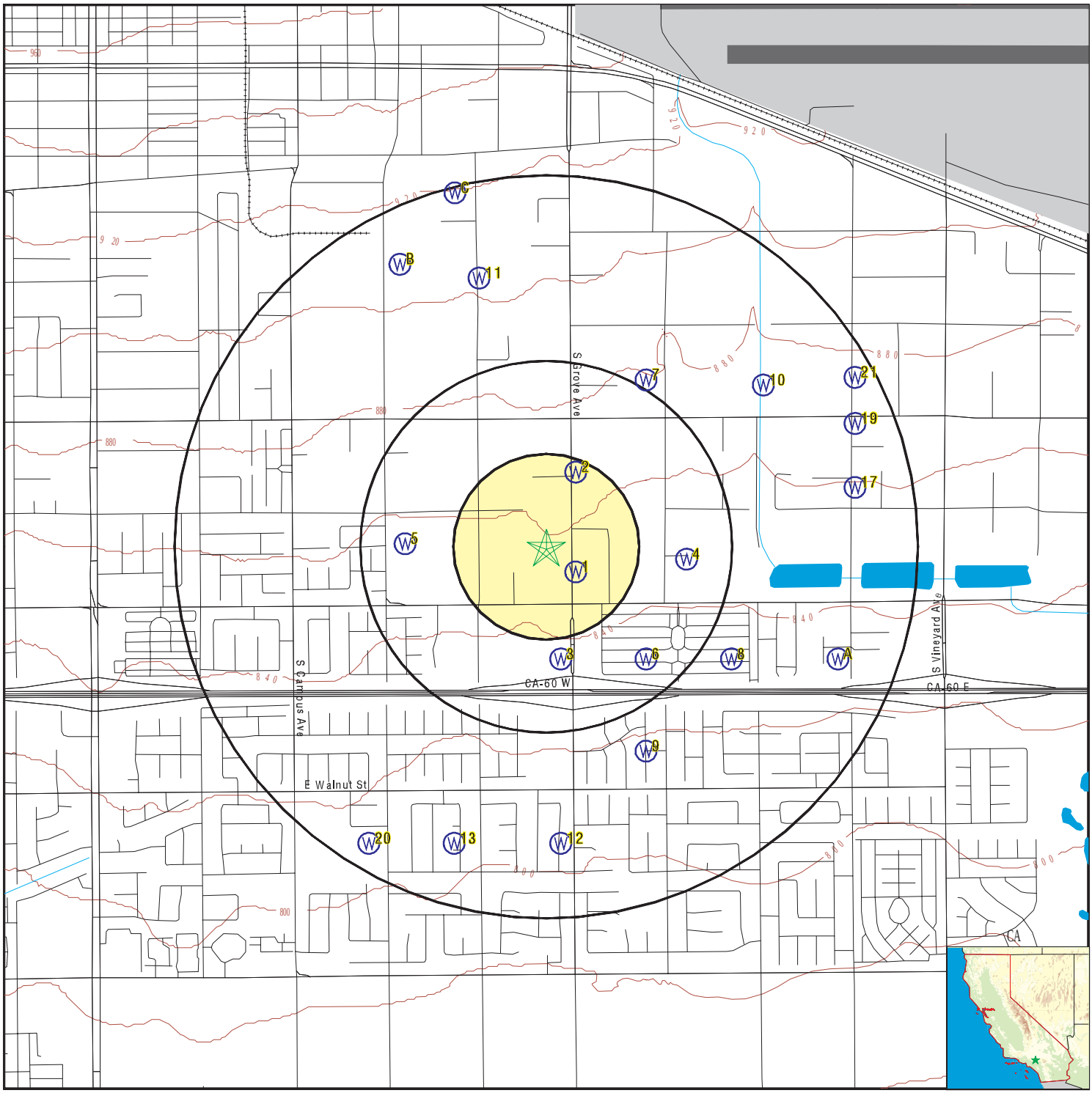
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAEDF0000050678	0 - 1/8 Mile SE
2	CAEDF0000084094	1/8 - 1/4 Mile NNE
3	CADWR0000006178	1/4 - 1/2 Mile South
4	CAEDF0000098332	1/4 - 1/2 Mile East
5	CAEDF0000055025	1/4 - 1/2 Mile West
6	CADWR0000001509	1/4 - 1/2 Mile SE
7	CADWR0000024181	1/2 - 1 Mile NNE
8	CADWR0000033731	1/2 - 1 Mile ESE
9	CADWR0000008690	1/2 - 1 Mile SSE
10	CAEDF0000078162	1/2 - 1 Mile NE
12	CADWR0000033299	1/2 - 1 Mile South
13	CADWR0000021813	1/2 - 1 Mile SSW
A14	CADWR0000019477	1/2 - 1 Mile ESE
A15	CADWR0000026604	1/2 - 1 Mile ESE
B16	CADDW0000013441	1/2 - 1 Mile NNW
17	CAEDF0000122488	1/2 - 1 Mile East
B18	1099	1/2 - 1 Mile NNW
19	CAEDF0000073906	1/2 - 1 Mile ENE
20	CADWR0000009903	1/2 - 1 Mile SSW
21	CAEDF0000112258	1/2 - 1 Mile ENE
C22	CADDW0000000593	1/2 - 1 Mile NNW
C23	1092	1/2 - 1 Mile NNW
C24	1094	1/2 - 1 Mile NNW
C25	1098	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 7097762.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 2042 South Grove Avenue	CLIENT: Roux Associates
ADDRESS: 2042 South Grove Avenue Ontario CA 91761	CONTACT: Ashley Whitaker INQUIRY #: 7097762.2s
LAT/LONG: 34.036184 / 117.629684	DATE: August 25, 2022 12:00 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000050678**

Well ID:	SL208133868-OW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	OW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208133868&assigned_name=OW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208133868&assigned_name=OW-11		

2
NNE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000084094**

Well ID:	SL208133868-OW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	OW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208133868&assigned_name=OW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208133868&assigned_name=OW-13		

3
South
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000006178**

Well ID:	02S07W05A001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S07W05A001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S07W05A001S&store_num=		
GeoTracker Data:	Not Reported		

4
East
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000098332**

Well ID:	SL208133868-OW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	OW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208133868&assigned_name=OW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208133868&assigned_name=OW-12		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

5
West
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000055025**

Well ID:	SL0607132486-P-4	Well Type:	MONITORING
Source:	EDF	Other Name:	P-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607132486&assigned_name=P-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607132486&assigned_name=P-4		

6
SE
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000001509**

Well ID:	02S07W04D001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S07W04D001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S07W04D001S&store_num=		
GeoTracker Data:	Not Reported		

7
NNE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000024181**

Well ID:	01S07W33E001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S07W33E001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S07W33E001S&store_num=		
GeoTracker Data:	Not Reported		

8
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000033731**

Well ID:	02S07W04C001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S07W04C001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S07W04C001S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

9
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000008690**

Well ID:	02S07W04E002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S07W04E002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S07W04E002S&store_num=		
GeoTracker Data:	Not Reported		

10
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000078162**

Well ID:	SL208133868-OW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	OW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208133868&assigned_name=OW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208133868&assigned_name=OW-14		

11
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000140077**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S007W32A002S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	428
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

12
South
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000033299**

Well ID:	02S07W05J002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S07W05J002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S07W05J002S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

13
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000021813**

Well ID:	02S07W05K001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S07W05K001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S07W05K001S&store_num=		
GeoTracker Data:	Not Reported		

A14
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000019477**

Well ID:	02S07W04B002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S07W04B002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S07W04B002S&store_num=		
GeoTracker Data:	Not Reported		

A15
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000026604**

Well ID:	02S07W04B001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S07W04B001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S07W04B001S&store_num=		
GeoTracker Data:	Not Reported		

B16
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000013441**

Well ID:	3610034-029	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 34 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3610034-029&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

17
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000122488**

Well ID:	SL208133868-OW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	OW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208133868&assigned_name=OW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208133868&assigned_name=OW-10		

B18
NNW
1/2 - 1 Mile
Higher

CA WELLS **1099**

Seq:	1099	Prim sta c:	01S/07W-32C01 S
Frds no:	3610034029	County:	36
District:	13	User id:	TAN
System no:	3610034	Water type:	G
Source nam:	WELL 34	Station ty:	WELL/AMBNT
Latitude:	340250.0	Longitude:	1173810.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610034	System nam:	Ontario, City Of
Hqname:	Not Reported	Address:	303 EAST B STREET
City:	ONTARIO	State:	CA
Zip:	91764	Zip ext:	Not Reported
Pop serv:	140000	Connection:	30927
Area serve:	ONTARIO CITY		
Sample date:	07-JUL-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-AUG-15	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JAN-15	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-15	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-15	Finding:	37.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-15	Finding:	7.9

Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-15	Finding:	23.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-15	Finding:	1.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-15	Finding:	4.6
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-15	Finding:	15.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-JAN-15	Finding:	3.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	22-JAN-15	Finding:	220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-15	Finding:	8.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JAN-15	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-15	Finding:	330.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-JAN-15	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	0.567
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	1.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	1.24
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-OCT-14	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	28-OCT-14	Finding:	3.2
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	28-OCT-14	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-OCT-14	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	24-JUL-14	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	24-JUL-14	Finding:	340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	24-JUL-14	Finding:	220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-JUL-14	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-JUL-14	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-JUL-14	Finding:	1.28
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-JUL-14	Finding:	0.491
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-JUL-14	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-JUL-14	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	24-JUL-14	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-JUL-14	Finding:	8.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-JUL-14	Finding:	23.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-JUL-14	Finding:	1.7
Chemical:	POTASSIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	24-JUL-14	Finding:	5.9
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	24-JUL-14	Finding:	1.1
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-JUL-14	Finding:	3.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	24-JUL-14	Finding:	16.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-APR-14	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-APR-14	Finding:	1.56
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-APR-14	Finding:	0.489
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-APR-14	Finding:	1.1
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-APR-14	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-APR-14	Finding:	150.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-APR-14	Finding:	3.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	22-APR-14	Finding:	14.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-APR-14	Finding:	4.9
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	22-APR-14	Finding:	1.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-APR-14	Finding:	23.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	22-APR-14	Finding:	7.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-APR-14	Finding:	36.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-APR-14	Finding:	120.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-APR-14	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	22-APR-14	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-APR-14	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-APR-14	Finding:	350.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-JAN-14	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JAN-14	Finding:	7.e-002
Chemical:	FOAMING AGENTS (MBAS)	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-14	Finding:	3.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	22-JAN-14	Finding:	14.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-JAN-14	Finding:	4.5
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-14	Finding:	1.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-14	Finding:	23.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-14	Finding:	7.8
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-14	Finding:	38.
Chemical:	CALCIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	22-JAN-14	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-14	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-14	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-14	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-JAN-14	Finding:	350.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-JAN-14	Finding:	220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-NOV-13	Finding:	320.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-NOV-13	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-NOV-13	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	22-NOV-13	Finding:	120.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-NOV-13	Finding:	36.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-NOV-13	Finding:	7.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-NOV-13	Finding:	23.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-NOV-13	Finding:	1.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-NOV-13	Finding:	4.3
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	22-NOV-13	Finding:	13.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-NOV-13	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	22-NOV-13	Finding:	3.3
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	22-NOV-13	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-NOV-13	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	350.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	39.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	8.1
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	24.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	1.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	5.1
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	14.
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	18-JUL-13	Finding:	200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-JUN-13	Finding:	360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-JUN-13	Finding:	180.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	14.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUN-13	Finding:	4.8
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	1.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	24.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	7.9
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	37.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Sample date:	18-JAN-13	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JAN-13	Finding:	230.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JAN-13	Finding:	14.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-JAN-13	Finding:	4.8
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JAN-13	Finding:	1.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JAN-13	Finding:	24.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JAN-13	Finding:	350.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JAN-13	Finding:	39.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JAN-13	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JAN-13	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JAN-13	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JAN-13	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JAN-13	Finding:	8.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-DEC-12	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-DEC-12	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	07-DEC-12	Finding:	3.6
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L

Dlr:	10.		
Sample date:	07-DEC-12	Finding:	2000.
Chemical:	NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-OCT-12	Finding:	4.9
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	25-OCT-12	Finding:	23.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-OCT-12	Finding:	8.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-OCT-12	Finding:	39.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-OCT-12	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-OCT-12	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	25-OCT-12	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-OCT-12	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-OCT-12	Finding:	350.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	25-OCT-12	Finding:	14.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	25-OCT-12	Finding:	230.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	25-OCT-12	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-OCT-12	Finding:	1.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-12	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Sample date:	12-SEP-12	Finding:	9.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-SEP-12	Finding:	230.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-12	Finding:	14.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-SEP-12	Finding:	4.8
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-12	Finding:	1.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-12	Finding:	23.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-12	Finding:	8.1
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-12	Finding:	38.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-12	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-12	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-12	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-SEP-12	Finding:	330.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-MAY-12	Finding:	35.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAY-12	Finding:	7.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAY-12	Finding:	23.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAY-12	Finding:	1.7
Chemical:	POTASSIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	01-MAY-12	Finding:	4.8
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAY-12	Finding:	15.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-MAY-12	Finding:	120.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAY-12	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAY-12	Finding:	360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-MAY-12	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAY-12	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-MAY-12	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAY-12	Finding:	210.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-MAR-12	Finding:	250.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-MAR-12	Finding:	15.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-MAR-12	Finding:	360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-MAR-12	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-MAR-12	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-MAR-12	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	15-MAR-12	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-MAR-12	Finding:	39.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-MAR-12	Finding:	8.8
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-MAR-12	Finding:	21.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-MAR-12	Finding:	5.6
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-MAR-12	Finding:	1.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

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ENE **CA WELLS** **CAEDF0000073906**
1/2 - 1 Mile
Higher

Well ID:	SL208133868-OW-9P	Well Type:	MONITORING
Source:	EDF	Other Name:	OW-9P
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208133868&assigned_name=OW-9P&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208133868&assigned_name=OW-9P		

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SSW **CA WELLS** **CADWR0000009903**
1/2 - 1 Mile
Lower

Well ID:	02S07W05L002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S07W05L002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S07W05L002S&store_num=		
GeoTracker Data:	Not Reported		

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ENE **CA WELLS** **CAEDF0000112258**
1/2 - 1 Mile
Higher

Well ID:	SL208133868-OW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	OW-8
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL208133868&assigned_name=OW-8&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL208133868&assigned_name=OW-8

C22
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000000593**

Well ID:	3610034-018	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 21 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3610034-018&store_num=		
GeoTracker Data:	Not Reported		

C23
NNW
1/2 - 1 Mile
Higher

CA WELLS **1092**

Seq:	1092	Prim sta c:	01S/07W-29A01 S
Frds no:	3610034014	County:	36
District:	13	User id:	TAN
System no:	3610034	Water type:	G
Source nam:	WELL 17	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1173800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610034	System nam:	Ontario, City Of
Hqname:	Not Reported	Address:	303 EAST B STREET
City:	ONTARIO	State:	CA
Zip:	91764	Zip ext:	Not Reported
Pop serv:	140000	Connection:	30927
Area serve:	ONTARIO CITY		
Sample date:	28-NOV-12	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-NOV-12	Finding:	4.6
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	16-NOV-12	Finding:	17.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-NOV-12	Finding:	12.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-NOV-12	Finding:	1.5

Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-NOV-12	Finding:	17.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-NOV-12	Finding:	12.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-NOV-12	Finding:	49.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-NOV-12	Finding:	170.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-NOV-12	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-NOV-12	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-NOV-12	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-NOV-12	Finding:	450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	16-NOV-12	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-NOV-12	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-NOV-12	Finding:	4.7
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	19-JUL-12	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-JUL-12	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-JUL-12	Finding:	250.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUL-12	Finding:	17.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	19-JUL-12	Finding:	9.9
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUL-12	Finding:	1.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUL-12	Finding:	19.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUL-12	Finding:	12.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUL-12	Finding:	45.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUL-12	Finding:	160.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUL-12	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUL-12	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUL-12	Finding:	410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-APR-12	Finding:	150.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-APR-12	Finding:	42.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-APR-12	Finding:	11.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-APR-12	Finding:	18.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-APR-12	Finding:	1.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-APR-12	Finding:	10.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	18-APR-12	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	18-APR-12	Finding:	270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-APR-12	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-APR-12	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-APR-12	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-APR-12	Finding:	400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-APR-12	Finding:	18.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-JAN-12	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JAN-12	Finding:	270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JAN-12	Finding:	420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-JAN-12	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-JAN-12	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JAN-12	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JAN-12	Finding:	160.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JAN-12	Finding:	45.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JAN-12	Finding:	12.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	05-JAN-12	Finding:	19.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JAN-12	Finding:	1.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JAN-12	Finding:	18.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-JAN-12	Finding:	11.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

C24
NNW
1/2 - 1 Mile
Higher

CA WELLS 1094

Seq:	1094	Prim sta c:	01S/07W-29N01 S
Frds no:	3610034019	County:	36
District:	13	User id:	TAN
System no:	3610034	Water type:	G
Source nam:	WELL 23 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1173800.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610034	System nam:	Ontario, City Of
Hqname:	Not Reported	Address:	303 EAST B STREET
City:	ONTARIO	State:	CA
Zip:	91764	Zip ext:	Not Reported
Pop serv:	140000	Connection:	30927
Area serve:	ONTARIO CITY		

C25
NNW
1/2 - 1 Mile
Higher

CA WELLS 1098

Seq:	1098	Prim sta c:	01S/07W-32A02 S
Frds no:	3610034018	County:	36
District:	13	User id:	TAN
System no:	3610034	Water type:	G
Source nam:	WELL 21 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1173800.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610034	System nam:	Ontario, City Of
Hqname:	Not Reported	Address:	303 EAST B STREET
City:	ONTARIO	State:	CA

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Zip:	91764	Zip ext:	Not Reported
Pop serv:	140000	Connection:	30927
Area serve:	ONTARIO CITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91761	7	0

Federal EPA Radon Zone for SAN BERNARDINO 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 SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.678 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

APPENDIX G

Photographic Log

G-1. View of the electrical transformer located in the southeastern portion of the Subject Property (8/29/2022).

G-2. View of the western portion of the main building, office space and warehouse storage (8/29/2022).

G-3. Sealant and emulsion products stored off ground behind the main building (8/29/2022).

G-4. Propane tanks stored outside the main building (8/29/2022).

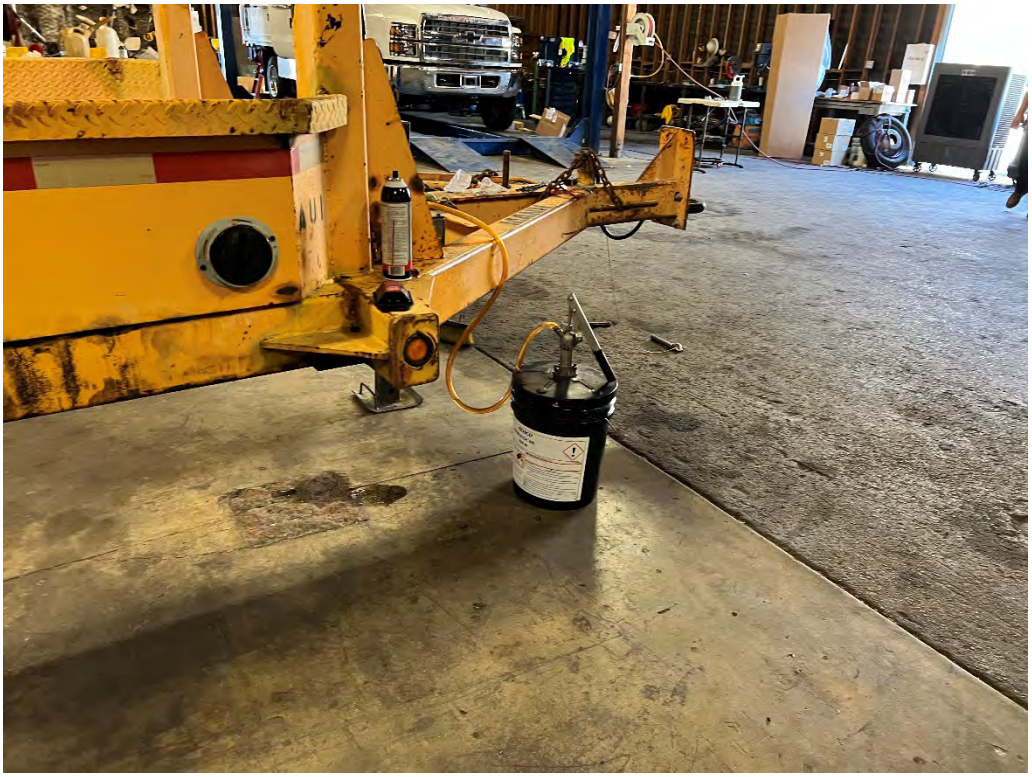
G-5. Empty and unmarked containers storage off-ground behind secondary building (8/29/2022).

G-6. Vehicle maintenance products stored off-ground behind the secondary building (8/29/2022).

G-7. Aboveground hydraulic lift in the secondary building (8/29/2022).

G-8. 240-gallon diesel and 120-gallon motor oil ASTs in secondary building (8/29/2022).

G-9. Vehicle parts washing station observed in secondary building (8/29/2022).

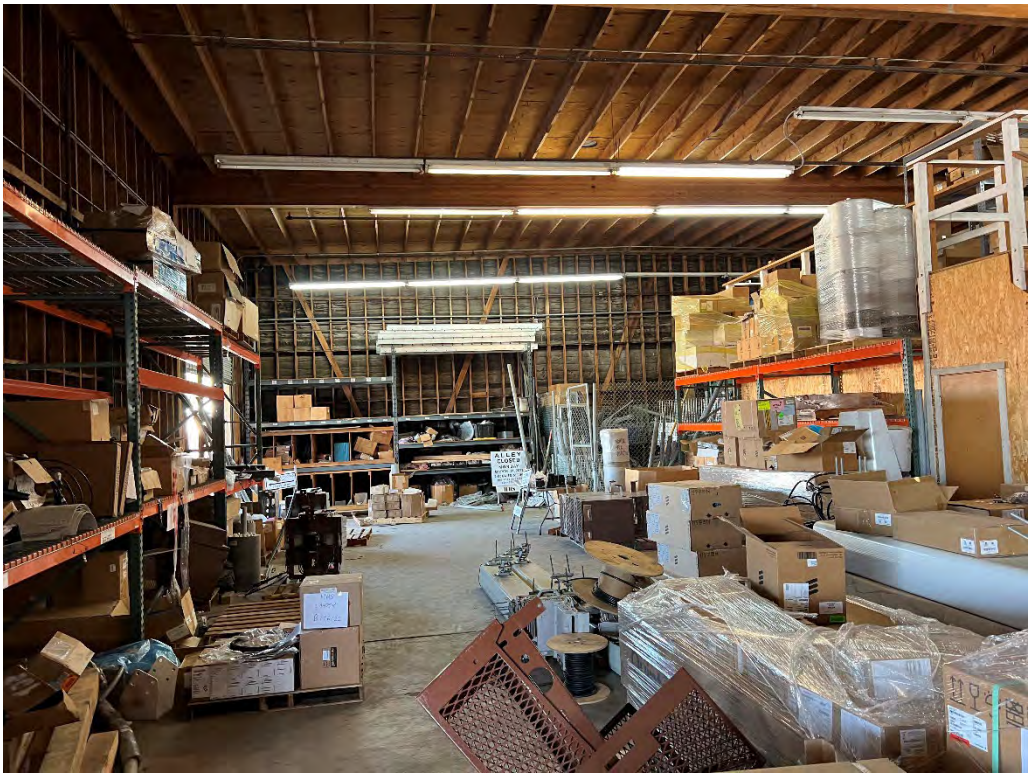


G-10. Oil cannister observed on the secondary building (8/29/2022).

G-11. Wall deterioration observed in the secondary building (8/29/2022).

G-12. Hazardous waste storage area in the secondary building (8/29/2022).

G-13. Hazardous waste storage area in secondary building with a 240-gallon used oil AST (8/29/2022).



G-14. Warehouse storage in the main building (8/29/2022).

G-15. Construction material, asphalt, and gravel, staged along the southern boundary (8/29/2022).

G-16. Material generated off-site from excavation/trenching staged along the western boundary (8/29/2022).

G-17. Telecommunication supplies and material stored in the exterior western lot (8/29/2022).

G-18. De minimis staining observed in western exterior of lot (8/29/2022).

APPENDIX H

Pertinent Historical Documentation

COMMERCIAL FACILITY STORMWATER INSPECTION REPORT

GENERAL INFORMATION

INSPECTION DATE:	05-26-2021	**INSPECTION TIME:**	2:39 PM
INSPECTING AGENCY:	City of Ontario	**PRIORITY:**	Medium
INSPECTION TYPE:	Routine	**FOLLOW-UP DATE:**	
REASON:			
SITE ID:	HHS Construction Inc	**REF/FILE NO:**	Grove Ave S 2042
FACILITY ADDRESS:	2042 S Grove Ave, Ontario, CA 91761		
CONTACT NAME:	John Navarrete	**BUSINESS PHONE:**	909-393-3322
CONTACT TITLE:		**ALT PHONE:**	
EMAIL:	darin@hhsconstruction.net		
TYPE OF BUSINESS:			
PRIMARY SIC CODE:	1731	**PRIMARY NAICS CODE:**	238210
WQMP ID No:			
NEXT ROUTINE:	05-26-2023		
WASTE HANDLING:			
MATERIAL HANDLING:			

NO.	INSPECTION PARAMETERS	FINDINGS
1.	Are commercial process activities conducted outdoors?	No
2.	Are BMPs implemented in outdoor commercial process areas?	N/A
3.	Are raw materials, products, equipment, or wastes that have a potential to impact stormwater quality stored outside?	No
4.	Are BMPs implemented in outdoor storage areas?	Yes
5.	Is there a spill containment plan in place?	N/A
6.	Are there storm drain inlets on-site?	Yes
Comments: parkway drain		
7.	Do the storm drain inlets appear to be properly maintained and/or cleaned?	Yes
8.	Does this facility discharge authorized non-storm water to the storm drain system?	No
9.	Is there evidence of unauthorized non-storm water discharges, past spills, or illicit discharges to the storm drain system?	No
10.	Are there indoor drains or sinks connected to the storm drain system?	No
11.	Are landscaped areas properly maintained and free of erosion?	Yes
12.	Are parking areas properly maintained and free of debris and excessive oil?	Yes
13.	Is vehicle or equipment repair/maintenance performed on-site?	No
14.	Are vehicle or equipment repair/maintenance BMPs being implemented?	N/A
15.	Is vehicle, equipment, or exterior surface cleaning being performed on-site?	No
16.	Is a mobile wash contractor being used to clean vehicles, equipment, or exterior surfaces?	No
17.	Are vehicle, equipment, and exterior surface cleaning BMPs being implemented?	N/A
18.	Is the site free of litter and liquid waste?	Yes
19.	Are the contents of waste receptacles protected from contact with stormwater?	Yes

Additional Observations

No actions required.

The following signature acknowledge my receipt of this document on behalf of the business owner and my acknowledgment that a failure to make the required corrections may result in additional enforcement action by the City, County, and / or other government agencies:

ON-SITE CONTACT:	Emailed Report	**INSPECTOR:**	Nathan Pino
SIGNATURE:		**SIGNATURE:**	Nathan Pino
DATE:	05-26-2021	**DATE:**	05-26-2021
		AGENCY:	City of Ontario
		EMAIL:	npino@ontarioca.gov
		PHONE:	(909) 395-2389

PHOTOS

City of Ontario Building Department

Address: 2042 S GROVE AV

Permit No. B200200017

Owner	Contractor	Architect
DAY,THOMAS 2042 S GROVE AVE ONTARIO CA 91761 909/520-8898 EXT. 104	COOLEY CONSTRUCTION INC 16533 D STREET VICTORVILLE, CA 92393 760-245-1377 Lic #: 348038	Lic #:

Engineer
THATCHER ENGINEERING
34590 COUNTY LINE RD.
YUCAIPA92399
909/748-7777 Lic #: C000000946

Date: 03-25-2002 **Val:** $0.00
Trct: **APN:** 105049109
Sq.Ft.: 0 **Avig:** N
Units: 0 **Lot:**
Stories: 0 **Block:**
Occ: **Const:**
DAB #: 0 **Var:** 0

Intended Permit Use: GRADING/STOCKPILE

Description / Comments:
STOCKPILING OF UP TO 18,000 CY OF SUITABLE FILL MATERIAL

Duplicate 3/25/02 dr

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License #_____ Lic. Class_____ Exp. Date_____

City Lic. #_____ Expires_____

Date_____ Signature of Contractor_____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business an Professions Code).

Date 3-25-02 Signature of Owner_____

WORKER'S COMPENSATION DECLARATION

I hereby affirm under Penalty of Perjury one of the following:

( ) I have and will maintain a Certificate of Consent of self-insure for worker's compensation.

( ) I have and will maintain Worker's Compensation Insurance.

Policy No.:_____ Carrier:_____

( ) I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws of California.

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provision of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

_____ 3-25-02
Signature of Owner or Agent Date

Electrical		Plumbing		Mechanical		Fees	
Temp Power Service	(0)	Fixtures/Vents	(0)	Furance To 100M BTU	(0)	Issuance Fee	$0.00
Temp Dist Sys	(0)	Repair Vent/Drain	(0)	Furance Ovr 100M BTU	(0)	Building Fee	$0.00
Outlet/Switch 1-20	(0)	Building Sewer	(0)	Floor Furance	(0)	Electrical Fee	$0.00
Outlet/Switch >20	(0)	Cesspool	(0)	Unit/Wall Heater	(0)	Plumbing Fee	$0.00
Light Fix 1-20	(0)	Priv Sewage Sys	(0)	Boiler To 100M BTU	(0)	Mechanical Fee	$0.00
Light Fix >20	(0)	Ind. Waste Intercept	(0)	Boiler 101-500M BTU	(0)	Grading Fee	$391.00
Platform/Thea	(0)	Rainwater Sys.	(0)	Boiler 501-1000M BTU	(0)	Inspection Fee	$0.00
Res App	(0)	New/Repair Water Pipe	(0)	Boiler 1001-1750M BTU	(0)	Plan Review Fee	$73.75
Non-Res App	(0)	Water Heaters	(0)	Boiler +1750M BTU	(0)	Parks & Rec SFD	$0.00
Power to 1HP	(0)	Gas Outlets	(0)	AH to 10K CFM	(0)	Parks & Rec MFD	$0.00
Power >1-10HP	(0)	Gas Outlets >5	(0)	AH Ovr 10K CFM	(0)	Sewer Assmnt SFD	$0.00
Power > 10-50HP	(0)	Lawn Spr Sys.	(0)	Evap Cooler	(0)	Sewer Assmnt COM	$0.00
Power >50-100HP	(0)	Atm. Bckflw/Vac 1-5	(0)	Vent Fan	(0)	Sewer Assmnt ENG	$0.00
Power >100HP	(0)	Atms. Bckflw/Vac. >5	(0)	Vent Systetm	(0)	Fire Facilities Fee	$0.00
Pri Swim Pool	(0)	Bckflw Device to 2"	(0)	Hood	(0)	Dust Control Fee	$250.00
Carvl/Circus Gen	(0)	Bckflw Device >2"	(0)	Equip Repair/Alter	(0)	S.M.I.P Fee	$0.00
Display/Lighting/Etc:	(0)	Public Pools	(0)	Appl Vents	(0)	Investigation Fee	$0.00
Busway Length (Feet)	(0)	Public Spas	(0)	Domestic Inc	(0)	Microfilm-Permit Fee	$0.00
Service to 200 Amps	(0)	Misc.	(0)	Comm/Indust Inc	(0)	Microfilm-Plans Fee	$3.00
Service 201-1000 Amps	(0)			Misc. Appl/Equip	(0)	Xerox Copies Fee	$0.00
Service Over 600 Volts	(0)					Storm Drain Fee	$0.00
Misc. Equip	(0)					Water Fee	$0.00
Signs	(0)					Sewer Fee	$0.00
Addl. Sign Circ	(0)					Helicopter Flyover	??
						Refund Amount	$0.00

Total Fees	$717.75
Total Payments (-)	$717.75
Balance Due	**$0.00**

City of Ontario

Building Department

Telephone: (909) 395-2023
Inspectors' Direct Line: (909) 395-2362
Inspection Requests **ONLY**: (909) 395-2361
Fax No.: (909) 395-2180

POST this in a conspicuous place on the job.

You must furnish PERMIT NUMBER and JOB ADDRESS for each respective inspection.
Approved plans must be on job site at all times.

OTHER DEPARTMENT RELEASES:

Department Approval required prior to the building being released by the City.

Department	Phone No.	Date	Inspector
Engineering	395-2025		
Fire	395-2029		
Public Facilities	395-2169		
Planning	395-2036		
Police	395-2161		

This permit becomes void if work not commenced within 180 days from date of issuance, OR if work has been suspended or abandoned for a period of 180 days.

BUILDING APPROVALS		
Setback & Footing		
Steel		
Slab Grade		
Floor Joists		
Floor Sheathing		
Roof Framing		
Roof Sheathing		
Shear Wall & Pre-Lath		
Shear Wall Interior		
Framing & Flashing		
Insulation		
Drywall Nailing		
Lathing & Siding		
T-Bar		
Final	6-10-02	Blaylock

ELECTRICAL APPROVALS		
Temp. Power Pole		
Conduit Underground		
Rough Electric		
Rough Elecric – T-Bar		
SRV's Ground & Bond		
Final		

BLOCKWALL APPROVALS		
Setback & Footing		
Bond Beam & Vertical Steel		
Final		

WALL PANEL APPROVALS		
Panels		
Pour Strip		
Final		

PLUMBING APPROVALS		
Ground		
Water Piping		
On-Site Sewer		
Rough Plumbing		
Gas Pipe-Test		
Roof Drains		
Final		

MECHANICAL APPROVALS		
Underground Ducts		
Rough Mechanical		
Ducts, Ventilating		
Grills & Hoods		
Final		

POOL & SPA APPROVALS		
Dep. Inspector		
Pool Steel Rein/Forms		
Pool Plumbing/Press Test		
Pre-Gunite		
Rough Pool Electric		
Gas Piping/Test		
Pool Fencing/Access		
Pre-Plaster		
Final – Pool/Spa		

ENCROACHMENT PERMIT		
Clearance		

FIRE SPRINKLER APPROVALS		
Rough		
Final		

NOTES: _____

Address: 2042 S GROVE AV ONTA

Permit No. **B200901369**

City of Ontario Building Department

Owner	Contractor	Designer
CROLL, RAYMOND & SUSAN REVO APN: 105049111 1351 S CAMPUS AVE ONTARIO, CA 91761 91761	CABLE TRU 11450 NORWOOD RIVERSIDE, CA 92505 951 352-2216 Lic #: 625027	BOWMAN'S ROOFING Lic #:

Date: Val: $9,750.00

Tot Sq. Ft.: 0

New Sq.Ft/TI.: 6500 Tract:

Units: 0 Lot:

Stories: 0 Block:

Occ: Const:

DAB #: 0 Var: 0

Intended Permit Use:

Description / Comments: TEAR OFF EXISTING LAYER OF COMP, RESHEATH AS NEEDED, INSTALL1 LATER 30# FELT AND NEW 30 YR COMP, 65 SQ

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License # 625027 Lic. Class C39 Exp. Date 8-09

City Lic. # 73860 Expires 12-31-09

Date 7-20-09 Signature of Contractor

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business an Professions Code).

Date_____ Signature of Owner_____

WORKER'S COMPENSATION DECLARATION

I hereby affirm under Penalty of Perjury one of the following:

( ) I have and will maintain a Certificate of Consent of self-insure for worker's compensation.

( ) I have and will maintain Worker's Compensation Insurance.

Policy No.: 0003903 Carrier: State Fund

( ) I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws of California.

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provision of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Agent

Date 7-20-09

Electrical		Plumbing		Mechanical	
Temp Power Service	(0)	Fixtures/Vents	(0)	Furnace To 100M BTU	(0)
Temp Dist Sys	(0)	Repair Vent/Drain	(0)	Furnace Ovr 100M BTU	(0)
Outlet/Switch 1-20	(0)	Building Sewer	(0)	Floor Furnace	(0)
Outlet/Switch >20	(0)	Cesspool	(0)	Unit/Wall Heater	(0)
Light Fix 1-20	(0)	Priv Sewage Sys	(0)	Boiler To 100M BTU	(0)
Light Fix >20	(0)	Ind. Waste Intercept	(0)	Boiler 101-500M BTU	(0)
Platform/Thea	(0)	Rainwater Sys.	(0)	Boiler 501-1000M BTU	(0)
Res App	(0)	New/Repair Water Pipe	(0)	Boiler 1001-1750M BTU	(0)
Non-Res App	(0)	Water Heaters	(0)	Boiler +1750M BTU	(0)
Power to 1HP	(0)	Gas Outlets	(0)	AH to 10K CFM	(0)
Power >1-10HP	(0)	Gas Outlets >5	(0)	AH Ovr 10K CFM	(0)
Power > 10-50HP	(0)	Lawn Spr Sys.	(0)	Evap Cooler	(0)
Power >50-100HP	(0)	Atm. Bckflw/Vac 1-5	(0)	Vent Fan	(0)
Power >100HP	(0)	Atms. Bckflw/Vac. >5	(0)	Vent Systetm	(0)
Pri Swim Pool	(0)	Bckflw Device to 2"	(0)	Hood	(0)
Carvl/Circus Gen	(0)	Bckflw Device >2"	(0)	Equip Repair/Alter	(0)
Display/Lighting/Etc:	(0)	Public Pools	(0)	Appl Vents	(0)
Busway Length (Feet)	(0)	Public Spas	(0)	Domestic Inc	(0)
Service to 200 Amps	(0)	Misc.	(0)	Comm/Indust Inc	(0)
Service 201-1000 Amps	(0)	Misc. Appl/Equip	(0)		
Service Over 600 Volts	(0)				
Misc. Equip	(0)				
Signs	(0)				
Addl. Sign Circ	(0)				

Fees	
Issuance Fee	$23.50
Building Fee	$181.25
Electrical Fee	$0.00
Plumbing Fee	$0.00
Mechanical Fee	$0.00
Grading Fee	$0.00
Inspection Fee	$0.00
Plan Review Fee	$0.00
NMC Dev Fee	$0.00
Development Fee	0
Sewer Assmnt SFD	$0.00
Sewer Assmnt COM	$0.00
Fire Facilities Fee	$0.00
Dust Control Fee	$0.00
S.M.I.P Fee	$0.00
Investigation Fee	$0.00
Microfilm-Permit Fee	$0.00
Microfilm-Plans Fee	$0.00
Xerox Copies Fee	$0.00
Min. Issuance	$0.00
Refund Amount	$0.00

Expired

Total Fees	$207.80
Total Payments (-)	$207.80
Balance Due	**$0.00**

City of Ontario
Building Department

INSPECTION REQUESTS 909-395-2361

POST this in a conspicuous place on the job.

Main Line 909-395-2023/Inspectors 909-395-2362

You must furnish PERMIT NUMBER and JOB ADDRESS for each respective inspection.

Approved plans must be on job site at all times.

OTHER DEPARTMENT RELEASES:

Department Approval required prior to the building being released by the City.

Department	Phone No.	Date	Inspector
Engineering	395-2025		
Fire	395-2029		
Public Facilities	395-2237		
Planning	395-2036		
Police	395-2940		

This permit becomes void if work not commenced within 365 days from date of issuance, OR if work has been suspended or abandoned for a period of 180 days.

BUILDING APPROVALS

Setback & Footing		
Steel		
Slab Grade		
Floor Joists		
Floor Sheathing		
Roof Framing		
Roof Sheathing		
Shear Wall & Pre-Lath		
Shear Wall Interior		
Framing & Flashing		
Insulation		
Drywall Nailing		
Lathing & Siding		
T-Bar		
Grading/Compaction		
Final		

ELECTRICAL APPROVALS

Temp. Power Pole		
Conduit Underground		
Rough Electric		
Rough Electric – T-Bar		
SRV's Ground & Bond		
Final		

BLOCKWALL APPROVALS

Setback & Footing		
Bond Beam & Vertical Steel		
Final		

WALL PANEL APPROVALS

Panels		
Pour Strip		
Site Walls/Trash Enclosure		
Final		

PLUMBING APPROVALS

Ground		
Water Piping		
On-Site Sewer		
Rough Plumbing		
Gas Pipe-Test		
Roof Drains		
Final		

MECHANICAL APPROVALS

Underground Ducts		
Rough Mechanical		
Ducts, Ventilating		
Grills & Hoods		
Final		

POOL & SPA APPROVALS

Dep. Inspector		
Pool Steel Rein/Bond		
Pool Plumbing/Press Test		
Pre-Gunite		
Rough Pool Electric		
Gas Piping/Test		
Pool Fencing/Access		
Pre-Plaster		
Final – Pool/Spa		

ENCROACHMENT PERMIT

Clearance		

FIRE SPRINKLER APPROVALS

Rough		
Final		

NOTES: 07-22-09 Roof Sheath East Side Slope See Main Bldg No Jobcard ok

Address: 2042 S GROVE AV ONTA

Permit No. **B200901481**

City of Ontario Building Department

Owner	Contractor	Designer
CROLL, RAYMOND & SUSAN REVO APN: 105049111 1351 S CAMPUS AVE ONTARIO, CA 91761 91761	CABLE TRU 14884 HILLSTONE ST FONTANA, CA 92336 909-717-7636 Lic #: 605809 C35	ORTEGAS' PLASTERING Lic #:

Date: 08/03/2009 **Val:** $9,500.00
Tot Sq. Ft.: 0

New **Sq.Ft/TI.:** 0 **Trct:**
Units: 0 **Lot:**
Stories: 0 **Block:**
Occ: **Const:**
DAB #: 0 **Var:** 0

Intended Permit Use:

Description / Comments:STUCCO OVER WOOD SIDING ON FRONT OF COMMERCIAL BUILDING, RE STUCCO AND PATCH REMAINDER OF BUILDING

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License # ~~606509~~ Lic. Class C35 Exp. Date 11/30/10
City Lic. # 605809 Expires 12/31/09
Date 8/03/09 Signature of Contractor

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business an Professions Code).

Date _____ Signature of Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm under Penalty of Perjury one of the following:

( ) I have and will maintain a Certificate of Consent of self-insure for worker's compensation.

(X) I have and will maintain Worker's Compensation Insurance.

Policy No.: 713-002294-09 Carrier: State Fund

( ) I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws of California.

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provision of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Agent _____ Date 8/03/09

Electrical		Plumbing		Mechanical		Fees	
Temp Power Service	(0)	Fixtures/Vents	(0)	Furnace To 100M BTU	(0)	Issuance Fee	$23.50
Temp Dist Sys	(0)	Repair Vent/Drain	(0)	Furnace Ovr 100M BTU	(0)	Building Fee	$181.25
Outlet/Switch 1-20	(0)	Building Sewer	(0)	Floor Furnace	(0)	Electrical Fee	$0.00
Outlet/Switch >20	(0)	Cesspool	(0)	Unit/Wall Heater	(0)	Plumbing Fee	$0.00
Light Fix 1-20	(0)	Priv Sewage Sys	(0)	Boiler To 100M BTU	(0)	Mechanical Fee	$0.00
Light Fix >20	(0)	Ind. Waste Intercept	(0)	Boiler 101-500M BTU	(0)	Grading Fee	$0.00
Platform/Thea	(0)	Rainwater Sys.	(0)	Boiler 501-1000M BTU	(0)	Inspection Fee	$0.00
Res App	(0)	New/Repair Water Pipe	(0)	Boiler 1001-1750M BTU	(0)	Plan Review Fee	$0.00
Non-Res App	(0)	Water Heaters	(0)	Boiler +1750M BTU	(0)	NMC Dev Fee	$0.00
Power to 1HP	(0)	Gas Outlets	(0)	AH to 10K CFM	(0)	Development Fee	0
Power >1-10HP	(0)	Gas Outlets >5	(0)	AH Ovr 10K CFM	(0)	Sewer Assmnt SFD	$0.00
Power > 10-50HP	(0)	Lawn Spr Sys.	(0)	Evap Cooler	(0)	Sewer Assmnt COM	$0.00
Power >50-100HP	(0)	Atm. Bckflw/Vac 1-5	(0)	Vent Fan	(0)	Fire Facilities Fee	$0.00
Power >100HP	(0)	Atms. Bckflw/Vac. >5	(0)	Vent Systetm	(0)	Dust Control Fee	$0.00
Pri Swim Pool	(0)	Bckflw Device to 2"	(0)	Hood	(0)	S.M.I.P Fee	$2.00
Carvl/Circus Gen	(0)	Bckflw Device >2"	(0)	Equip Repair/Alter	(0)	Investigation Fee	$0.00
Display/Lighting/Etc:	(0)	Public Pools	(0)	Appl Vents	(0)	Microfilm-Permit Fee	$0.00
Busway Length (Feet)	(0)	Public Spas	(0)	Domestic Inc	(0)	Microfilm-Plans Fee	$0.00
Service to 200 Amps	(0)	Misc.	(0)	Comm/Indust Inc	(0)	Xerox Copies Fee	$0.00
Service 201-1000 Amps	(0)	Misc. Appl/Equip	(0)			SB1473 Fee	$1.00
Service Over 600 Volts	(0)					Min. Issuance	$0.00
Misc. Equip	(0)					Refund Amount	$0.00
Signs	(0)						
Addl. Sign Circ	(0)						

EXPIRED

Total Fees	$207.75
Total Payments (-)	$207.75
Balance Due	**$0.00**

City of Ontario
Building Department

INSPECTION REQUESTS 909-395-2361

POST this in a conspicuous place on the job.

Main Line 909-395-2023/Inspectors 909-395-2362

You must furnish PERMIT NUMBER and JOB ADDRESS for each respective inspection.

Approved plans must be on job site at all times.

OTHER DEPARTMENT RELEASES:

Department Approval required prior to the building being released by the City.

Department	Phone No.	Date	Inspector
Engineering	395-2025		
Fire	395-2029		
Public Facilities	395-2237		
Planning	395-2036		
Police	395-2940		

This permit becomes void if work not commenced within 365 days from date of issuance, OR if work has been suspended or abandoned for a period of 180 days.

BUILDING APPROVALS		
Setback & Footing		
Steel		
Slab Grade		
Floor Joists		
Floor Sheathing		
Roof Framing		
Roof Sheathing		
Shear Wall & Pre-Lath		
Shear Wall Interior		
Framing & Flashing		
Insulation		
Drywall Nailing		
Lathing & Siding	8/14/09	SER
T-Bar		
Grading/Compaction		
Final		

ELECTRICAL APPROVALS		
Temp. Power Pole		
Conduit Underground		
Rough Electric		
Rough Electric – T-Bar		
SRV's Ground & Bond		
Final		

BLOCKWALL APPROVALS		
Setback & Footing		
Bond Beam & Vertical Steel		
Final		

WALL PANEL APPROVALS		
Panels		
Pour Strip		
Site Walls/Trash Enclosure		
Final		

PLUMBING APPROVALS		
Ground		
Water Piping		
On-Site Sewer		
Rough Plumbing		
Gas Pipe-Test		
Roof Drains		
Final		

MECHANICAL APPROVALS		
Underground Ducts		
Rough Mechanical		
Ducts, Ventilating		
Grills & Hoods		
Final		

POOL & SPA APPROVALS		
Dep. Inspector		
Pool Steel Rein/Bond		
Pool Plumbing/Press Test		
Pre-Gunite		
Rough Pool Electric		
Gas Piping/Test		
Pool Fencing/Access		
Pre-Plaster		
Final – Pool/Spa		

ENCROACHMENT PERMIT		
Clearance		

FIRE SPRINKLER APPROVALS		
Rough		
Final		

NOTES: _____

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

PERMIT to OPERATE

9150 FLAIR DRIVE, EL MONTE, CALIFORNIA 91731

ID NUMBER
9007543

Operation under this permit must be conducted in compliance with all information included with the initial application and the initial permit conditions. The equipment must be properly maintained and kept in good operating condition at all times. In accordance with Rule 206, this Permit to Operate or copy must be posted on or within 8 meters of equipment.

LEGAL OWNER OR OPERATOR. GROVE LUMBER & BUILDING SUPPLIES

EQUIPMENT LOCATED AT: 2042 S. GROVE AVE
ONTARIO

EQUIPMENT DESCRIPTION AND CONDITIONS:

GASOLINE STORAGE AND DISPENSING FACILITY
02 NOZZLES

GROVE LUMBER & BUILDING SUPPLIES
2042 S. GROVE AVE
ONTARIO CA 000091761

COPY
FILE

This initial permit must be renewed by 10-01-82 unless the equipment is moved, or changes ownership. If billing for annual renewal fee (Rule 301 f) not received by expiration date, contact office above

This permit does not authorize the emission of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules of the Air Quality Management District. This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other government agencies.

EXECUTIVE OFFICER

BY PERMIT PROCESSING
RULE 461

DATE 10-06-81

AQMD XXXXXXXXXXXXXXXXXX TELEPHONE (213) 572-6116

76P234M - 12/80

Department of Toxic Substances Control

Barbara A. Lee, Director
9211 Oakdale Avenue
Chatsworth, California 91311

SUMMARY OF OBSERVATIONS

On 9/13/17, the Department of Toxic Substances Control (DTSC), California Environmental Protection Agency, conducted an inspection at:

Facility Name: HHS Construction
Facility Address: 2042 S Grove Ave
Ontario, CA, 91761
EPA ID Number: CALOOO406821 **County:** San Bernardino

Check box below as appropriate
DTSC will provide you a complete inspection report within 65 days of the date of this inspection.

☑ As a result of this inspection, no violations of hazardous waste laws, regulations, and requirements were discovered. DTSC greatly appreciates the efforts you have made to comply with the hazardous waste laws and regulations.

☐ As a result of this inspection, no violations of hazardous waste laws, regulations, and requirements were discovered. However, DTSC is still reviewing compliance information. Violations may be found after the site visit, and these will be identified in the Violation section of the inspection report.

☐ As a result of this inspection the issue(s) listed in Section IV require additional investigation. DTSC will address all unresolved issues in the inspection report. Violations may be found after the site visit, and these will be identified in the Violation section of the inspection report.

Company Representative Accepting Summary		DTSC Representative	
Name:	Marvin Garcia	**Name:**	Kevin Montevideo
Signature:		**Signature:**	
Title:	Purchasing Manager	**Title:**	Environmental Scientist
Date:	9/18/17	**Date:**	9/13/17

Department of Toxic Substances Control

Matthew Rodriquez
Secretary for
Environmental Protection

Barbara A. Lee, Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Edmund G. Brown Jr.
Governor

TREATED WOOD WASTE INSPECTION CHECKLIST

DTSC oversees the regulation and management of treated wood waste (TWW) in California. The regulations for TWW management in California can be found in the California Code of Regulations, Title 22, Chapter 34, and are commonly referred to as the Alternative Management Standards (AMS).

Inspection Date: 9/13/17

Facility Name: HTS Construction

TWW Facility Type:

Generator Site: ☑ Disposal Facility: ☐ Transfer Station/Load-Check: ☐

EPA ID # or State HW ID #: CAL000406821

Site Address: 2042 South Grove Ave, Ontario CA 91761

Owner/Operator Name: John Navarrete

Facility Telephone Number: (909) 393-3322

Inspector Name: Kevin Montevideo Title: Environmental Scientist

Inspector Name: Steve Brand Title: Environmental Scientist

Other Facility Representative(s) Present: Marvin Garcia

CONSENT TO INSPECT: Inspections may involve obtaining photographs, reviewing and copying records, sampling, and interviewing employees.

Consent Granted By: Marvin Garcia Title: Purchasing Manager

Date(s): 9/13/17 Time In: 9:50 Time Out: 11:30

DISCLAIMER

This checklist is intended to provide guidance only. This checklist does not replace or supersede relevant statutes and regulations. The information contained in this checklist is based upon the statutes and regulations in effect as of the date the checklist was signed. Interested parties are advised to keep apprised of subsequent changes to relevant statutes and regulations. Additional violations may be cited upon further review of documentation in the course of this inspection.

TREATED WOOD WASTE INSPECTION OBSERVATIONS

	Y	N	N/A	HAZARDOUS WASTE REQUIREMENTS FOR TWW
				Labeling
1			✓	Each unit and/or area of TWW is clearly marked and visible for inspection [California Code of Regulations, Title 22 [CCR] 67386.5(a)]
2			✓	Each area designated for accumulation of TWW is used solely for the accumulation of TWW [CCR 67386.5(a)]
3			✓	TWW is labeled or marked with the following: "Treated Wood Waste—Do not burn or scavenge" TWW Handler Name and Address _____ Accumulation Date _____ [CCR 67386.5(b)]
4			✓	No label or mark that identifies the wood as TWW shall be intentionally removed or defaced prior to disposal. [CCR 67386.3(b)]
				Accumulation
5			✓	Facility can demonstrate the length of time that the TWW has been accumulated from the date it is received or generated [CCR 67386.6(d)]
6			✓	Unauthorized access is prevented by visual controls or a physical barrier when not under the direct control of the person responsible for the TWW [CCR 67386.6(a)(1)]
TWW shall be accumulated in a manner that is protected from run-on and run-off, and placed on a surface sufficiently impervious to prevent, to the extent practical, contact with and leaching to soil or water, which may be accomplished by one of the following [CCR 67386.6.(a)(2)]				
				Block and Tarp
7			✓	TWW is elevated to prevent contact with the soil and run-on [CCR 67386.6(a)(2)(A)1]
8			✓	TWW is covered to protect from precipitation [CCR 67386.6(a)(2)(A)2]
9			✓	TWW is accumulated no longer than **90 days** from the date generated or received from another handler [CCR 67386.6(a)(2)(A)3]
				Containerized Storage
10			✓	The container is designed, constructed, maintained, and closed to prevent releases [CCR 67386.6(a)(2)(B)1]
11			✓	The container is water resistant if exposed to precipitation, run-on, and/or run-off [CCR 67386.6(a)(2)(B)2]
12			✓	The container is transported to a TWW facility within 90 days of being filled to capacity [CCR 67386.6(a)(2)(B)3]
13			✓	TWW is accumulated in containers no longer than **one year** from the date that it is generated or received from another handler [CCR 67386.6(a)(2)(B)]
				Containment Pad
14			✓	TWW is not in contact with soil [CCR 67386.6(a)(2)(D)1]
15			✓	TWW is protected from run-on and precipitation [CCR 67386.6(a)(2)(D)2 and 67386.6(a)(2)(D)3]
16			✓	TWW is accumulated no longer than **180 days** from the date the TWW is generated or received from another handler [CCR 67386.6(a)(2)(D)]

Y = Compliance; N = Not in Compliance; N/A = Not Applicable

	Y	N	N/A	HAZARDOUS WASTE REQUIREMENTS FOR TWW
				Storage Building
17			✓	Storage building is structurally sound [CCR 67386.6(a)(2)(C)]
18			✓	Storage building has a water-resistant floor designed to prevent the movement of water into or out of the building [CCR 67386.6(a)(2)(C)]
19			✓	TWW is accumulated in containers no longer than **one year** from the date the it is generated or received from another handler [CCR 67386.6(a)(2)(C)]
				Other
20			✓	TWW is protected from run-on and run-off [CCR 67386.6(a)(2)(E)]
21			✓	TWW is placed on impervious surface to prevent contact with and leaching to soil or water [CCR 67386.6(a)(2)(E)]
22			✓	TWW is accumulated no longer than **90 days** from the date generated or received from another handler [CCR 67386.6(a)(2)(E)]
A handler may accumulate TWW for longer than one year from the date the TWW is generated or received from another handler, if the accumulation is solely for the purpose of accumulation of quantities of TWW necessary to facilitate disposal pursuant to section 67386.11. However, the handler bears the burden of proving that the accumulation was solely for the purpose of accumulation of quantities of TWW necessary to facilitate proper disposal. [CCR 67386.6(c)]				
TWW generated which is incidental to the operation of a business and accumulated at the site of generation for a period not to exceed 30 days is exempt from the accumulation requirements of Section 67386.6 so long as the TWW is not physically altered, except as provided in section 67386.10, and the business accumulates no more than 1,000 pounds of TWW [CCR 67386.6(f)]				
				Disposal
23	✓		✓	TWW is being disposed in either a Class I hazardous waste landfill or in an approved composite-lined portion of a solid waste landfill [CCR 67386.11(a)]
24			✓	A solid waste landfill that accepts TWW shall monitor the composite-lined portion of the landfill unit where the TWW is disposed [CCR 67386.11(b)(3)]
25			✓	If a release is verified at a solid waste landfill that accepts TWW, the department is notified that TWW is no longer being discharged to that landfill unit and notified again when corrective action results in cessation of the release [CCR 67386.11(b)(3)]
26			✓	A solid waste landfill that accepts TWW shall handle TWW pursuant to Cal OSHA requirements relating to hazardous waste [CCR 67386.11(b)(4)]
				Treatment
27			✓	TWW treatment is prohibited except for resizing (to facilitate transport or reuse), sorting, and segregating [CCR 67386.10(a)]
28			✓	Resizing, sorting, and segregating TWW is conducted in a manner that prevents releases to the environment [CCR 67386.10(b)(1) and 67386.10(c)]
29			✓	Any sawdust, particles, or other materials less than one cubic inch are being captured and managed as TWW [CCR 67386.10(b)(2)]
				Prohibited Activities
30			✓	TWW shall not be burned [CCR 67386.3(a)(1)]
31			✓	TWW shall not be scavenged [CCR 67386.3(a)(2)]
32			✓	TWW shall not be commingled with other waste prior to disposal, if previously segregated [CCR 67386.3(a)(3)]

Y = Compliance; N = Not in Compliance; N/A = Not Applicable

	Y	N	N/A	HAZARDOUS WASTE REQUIREMENTS FOR TWW
33			✓	TWW shall not be stored in contact with the ground [CCR 67386.3(a)(4)]
34			✓	TWW shall not be recycled, with or without treatment, except for reuse onsite in accordance with CCR 67386.3(c) [CCR 67386.3(a)(5)]
				Receipt of Shipments
35			✓	Record Retention: TWW handlers and facilities shall retain the records of all shipments and receipts for three years [CCR 67386.8(e)(2)]
36			✓	Records of TWW received at the facility contain the name and address of the originating TWW generator [CCR 67386.8(b)(1)]
37			✓	Records of TWW sent to a facility contain the name and address of the TWW facility to which the TWW was sent [CCR 67386.8(a)(1)]
38			✓	Records contain the weight of TWW or the estimated weight if scale is unavailable [CCR 67386.8(b)(2)] or [CCR 67386.8(a)(2)]
39			✓	Records contain the date the shipments were sent or received [CCR 67386.8(b)(3)] or [CCR 67386.8(a)(3)]
				Reporting Receipt of Shipments
40			✓	The facility submits semi-annual reports to DTSC for the periods ending June 30 and December 31 of each year [CCR 67386.8(c)]
41			✓	The reports are submitted in an electronic format within 30 days of the end of each reporting period [CCR 67386.8(c)]
42			✓	The reports include the facility name, location address, contact person's name, phone number, and identification number [CCR 67386.8(c)(1)1 and 67386.8(c)(1)2]
43			✓	If the shipment is received from a generator of TWW the report includes the generator's ID number, dates of shipments, and the weight of the TWW per shipment. If generator does not have an ID number the name, address, contact person's name, mailing address, and phone number for the generator is included [CCR 67386.8(c)(2)]
44			✓	If the shipment is received from another TWW facility the report includes the facility's ID number, dates of shipments, and the weight of the TWW per shipment. If facility does not have an ID number the name, address, contact person's name, mailing address, and phone number for the facility is included [CCR 67386.8(c)(5)]
45			✓	The report includes the weight summary of all TWW generated by households [CCR 67386.8(c)(3)]
46			✓	The report includes weight summary of all TWW found in load checks [CCR 67386.8(c)(4)]
				Offsite Shipments
47			✓	Handler only ships TWW to TWW facility, TWW approved landfill or to a consolidation site (if TWW is generated at remote site) [CCR 67386.7(a)]
48			✓	TWW is transported in a manner that prevents unauthorized access, exposure to precipitation, and releases [CCR 67386.7(d)]
				Satellite Accumulation
49			✓	The TWW is being transported by the generator, employees of the generator or by the generator's agent if the TWW is generated at a remote site [CCR 67386.7(c)(1)]

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	Y	N	N/A	HAZARDOUS WASTE REQUIREMENTS FOR TWW
50			✓	A shipping document accompanies the TWW while in transport to the consolidation site [CCR 67386.7(c)(2)]
The shipping document contains all of the following:				
51			✓	The quantity, by weight or volume, of TWW being transported. [CCR 67386.7(c)(2)(A)]
52			✓	The location of the remote site where the TWW was initially collected [CCR 67386.7(c)(2)(B)]
53			✓	The date that the generator first began to accumulate the TWW at the remote site, the date that the shipment leaves the remote site, and the date that the shipment arrives at the consolidation site [CCR 67386.7(c)(2)(C)]
54			✓	The name, address, and telephone number of the generator, and, if different, the address and telephone number of the consolidation site to which the TWW is being transported [CCR 67386.7(c)(2)(D)]
55			✓	The name of the individual or individuals who transport the TWW from the remote site to the consolidation site [CCR 67386.7(c)(2)(E)]
Notification				
56			✓	In any calendar year that a TWW handler generates more than 10,000 pounds of TWW, the handler shall obtain or maintain an Identification Number within 30 days of exceeding the weight threshold [CCR 67386.9 (a)]
57			✓	In any calendar year that a TWW handler generates more than 10,000 pounds of TWW, the handler shall send written notification to the Department within 30 days of exceeding the 10,000 pound limit [CCR 67386.9 (b)]
The notification shall include:				
58			✓	TWW handler's name and mailing address [CCR 67386.9 (c)(1)]
59			✓	generator's Identification Number[CCR 67386.9 (c)(2)]
60			✓	name and business telephone number of the person at the TWW handler's site who should be contacted regarding TWW management activities [CCR 67386.9 (c)(3)]
61			✓	address or physical location of the TWW management activities [CCR 67386.9 (c)(4)]
62			✓	date the TWW handler exceeded the 10,000 pound limit [CCR 67386.9 (c)(5)]
63			✓	a statement indicating that the handler is generating more than 10,000 pounds of TWW per calendar year [CCR 67386.9 (c)(6)]
Training				
64			✓	All employees that handle and/or treat TWW or may come into contact with TWW receive training [CCR 67386.12(a) and 67386.10(d)]
The training shall include the following:				
65			✓	All applicable requirements of Cal-OSHA rules, regulations and orders relating to hazardous waste [CCR 67386.12(a)(1) and 67386.10(d)(1)]
66			✓	Procedures for identifying and segregating TWW [CCR 67386.12(a)(2) and 67386.10(d)(2)]
67			✓	Safe handling practices [CCR 67386.12(a)(2) and 67386.10(d)(3)]
68			✓	Requirements of the alternative management standards [CCR 67386.12(a)(2) and 67386.10(d)(4)]
69			✓	Proper disposal methods [67386.12(a)(2) and 67386.10(d)(5)]

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TREATED WOOD WASTE INSPECTION OBSERVATIONS

Observations:

HHS Construction employs an exemption from the treated wood waste (TWW) alternative management standards (AMS) under California Health and Safety code 25143.1.5(b) in that they exclusively manage/handle utility telephone poles removed from service.

Recommendation:

Although HHS Construction employs an exemption under California Health and Safety code 25143.1.5(b), EERD recommends that the proper TWW label be applied to the TWW accumulation bin onsite. The label is called out in the TWW generator fact sheet which was supplied to HHS Construction. This recommendation is not mandatory, but is rather a suggestion to improve the already satisfactory job of TWW management by HHS Construction.

Company Representative Accepting Summary		DTSC Representative	
Name:	Marvin Garcia	Name:	Kevin Montevideo
Signature:		Signature:	
Title:	Purchasing Manager	Title:	Environmental Scientist
Date:	9/25/17	Date:	9/13/17

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

CUPA COMPLIANCE INSPECTION REPORT

NAME: HHS Construction Inc. FACILITY ID: FA0015264

ADDRESS: 2042 S Grove Ave CERS ID: 10476988

CITY: Ontario STATE: CA ZIP CODE: 91761 INSPECTION DATE: 3/24/2020

Consent granted by:

☒ Photograph ☒ Inspect **Name:** Hector Alvarez **Title:** Yard Manager

An inspection was conducted on 3/24/2020 to determine compliance with applicable hazardous materials and hazardous waste laws and regulations. Hector Alvarez, Yard Manager, was the escort during the inspection. Also present during document review was Micah Radnich, Fleet Manager.

This facility is a contractor for telecommunication construction sites. Hazardous waste such as used oil and waste antifreeze are generated on site from vehicle maintenance.

Inventory:

- (1) 240 gallon container, (1) 120 gallon container and (1) 55 gallon drum of new oil
- (1) 240 gallon container of used oil
- (3) 55 gallon drums of hydraulic oil
- (1) 55 gallon drum of waste antifreeze
- (1) 55 gallon drum of waste oily solids
- (1) 330 gallon tote and (1) 55 gallon drum of diesel exhaust fluid
- (1) 55 gallon drum of drained used oil filters
- (15) 8 gallon containers of propane
- (1) 55 gallon drum of acetone

Document Review

- CUPA program permits are current; expiration date of 2-28-2021.
- EPA ID # CAL000406821 was inactive at time of inspection.
- Business plan last submitted via California Environmental Reporting System (CERS) on 6-11-2019. CERS ID 10476988.
- Desert Environmental Services is the hazardous waste hauler. Disposal documentation was available for review at time of inspection.
- Facility generates approximately 120 gallons of hazardous waste per month.
- Employee safety training meetings are conducted weekly. Training documentation was available for review.

Submit the completed Certificate of Compliance (CofC) provided along with all requested documentation, to this Division within 30 days of inspection.

Please contact Aleasha Enciso at (909) 386-8401 or by email at aenciso@sbcfire.org with any questions regarding this report.

If you have any questions regarding CERS, please call the CERS Help Line at (909) 386-8432.

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapters 6.5, 6.67 and 6.95 of the California Health Safety Code (CHSC), and Division 3 of Title 2 of the San Bernardino County Code (SBCC). The following lines marked in the V column are violations that must be corrected.

VIOLATION CODE	DESCRIPTION	SECTION		V
42	**HMRRP (HAZARDOUS MATERIALS HANDLER)**			
H201	Hazardous Material Handler Permit Current	SBCC	23.0602(a)	
H202	Hazardous Materials Business Plan Established and Implemented	CHSC	25507	
H203	Hazardous Materials Business Plan Submittal	CHSC	25505, 25508(a)(1)	
H204	Immediately Report Any Release or Threatened Release of a Hazardous Material	CHSC	25510(a)	
H205	Business Access for Inspection Granted	CHSC	25511	
H206	Business Plan Annual Review/Certification	CHSC	25508(a)(1), 25508.2	

H209	Business Plan Update Within 30 days of Change	CHSC	25508.1(a)-(f)	X
Violation: MINOR	Failed to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan. OBSERVATION: At time of inspection, observed (1) 55 gallon drum of acetone which was not listed on hazardous materials inventory submitted via CERS on 6-11-2019. CORRECTIVE ACTION: Submit an updated hazardous materials inventory via CERS within 30 days. CERS ID 10476988.			
H210	Business Activities Page and/or Business Owner/Operator Identification Page	CHSC	25508(a)(1)	
H211	Hazardous Materials Inventory	CHSC	25505, 25506, 25508	X
Violation: MINOR	Failed to accurately complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities of 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases. OBSERVATION: At time of inspection, the federal hazard categories were incomplete for the items listed on hazardous materials inventory submitted via CERS on 6-11-2019. CORRECTIVE ACTION: Submit accurate federal hazard category information for all items listed on hazardous materials inventory via CERS within 30 days.			
H212	Site Map	CHSC	25505(a)(2), 25508(a)(1)	
H213	Emergency Response Plan	CHSC	25505(a)(3), 25508(a)(1)	
H214	Training Program not Included and/or is Not Adequate		Multiple	
H215	Training Documentation	CHSC	25505(a)(4)	
H216	Business Plan Readily Available	CHSC	25505(c)	
H220	Property Owner Notification	CHSC	25505.1	
H221	Property Owner Business Plan	CHSC	25505.1	
H222	[illegible] Emergency Response Plan	CHSC	25508(a)(1), 25507.1	
H223	[illegible] Training Program	CHSC	25508(a)(1), 25507.1	
H224	[illegible] Facility	CHSC	25505,25506,25507.2,255	
H225	[illegible] Warning Signs-Signs Posted		Multiple	

VIOLATION CODE	DESCRIPTION		SECTION	V
44	HAZARDOUS WASTE GENERATOR			
W101	[illegible] A Permit	SBCC	23.0602	
W102	Facility Access for Inspection	CHSC	25185	
W103	[illegible] Hazardous Waste Determination	CCR	66262.11	
W104	[illegible] Identification Number	CCR	66262.12	X
Violation: CLASS 2	Failed to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste. OBSERVATION: At time of inspection, generator's EPA ID number CAL000406821 was inactive. CORRECTIVE ACTION: Submit form #1358 to Department of Toxic Substances Control (DTSC) to reactivate EPA ID number CAL000406821. Submit a signed statement indicating form #1358 has been sent to DTSC within 30 days.			
W108	[illegible] Recyclable Materials	CHSC	25143.2, 25143.9	
W110	[illegible] Hazardous Waste Labeling Standards	CCR	66262.34(f)	X
Violation: MINOR	Failed to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. OBSERVATION: At time of inspection, observed (1) 55 gallon drum of waste antifreeze and (1) 55 gallon drum of waste oily solids without hazardous waste labels. In addition, observed (1) 240 gallon container of used oil with an incomplete hazardous waste label. CORRECTIVE ACTION: Properly label all hazardous waste containers and submit photos indicating all hazardous waste containers have been properly labeled.			
W111	[illegible] Label	CCR	66262.34(f)	
W117	[illegible] 5 Gallons	CCR	66261.7	
W121	[illegible]	CHSC	25187.6	
W122	[illegible] Textile Materials	CHSC	25144.6 (b)	
W124	[illegible] Notification	CHSC	25110.10(d)	
W125	[illegible] Hazardous Waste Manifest	CCR	66262.20	
W126	[illegible] Manifest Completeness	CCR	66262.23(a)	
W127	[illegible] Manifest Not Sent to DTSC	CCR	66262.23(a)(4)	
W128	[illegible] Disposal Documentation	CCR	66262.40(a)	
W130	[illegible] for Three Years	CCR	66262.40(c)	
W134	[illegible] Form	CHSC	Multiple	

W136	HWG: Contamination of Used Oil	CHSC	25250.7	
W137	HWG: Non-Consolidated Manifest	CHSC	25160.2	
W138	HWG: Used Oil and Fuel Filter and Handling Requirements	CCR	Multiple	
Violation:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements. 22 CCR 16 66266.130, CHSC 6.5 25250.22			X
MINOR	OBSERVATION: (1) 55 gallon drum of drained used oil filters located in the hazardous waste storage area of mechanics shop was observed open when not in use and was not labeled. CORRECTIVE ACTION: Close and properly label the drum of drained used oil filters. Submit photos demonstrating violations have been corrected.			
W139	HWG: Lead Battery Disposal Documentation	CCR	66266.81(a)(4)(B)	
W140	HWG: Management of Spent Vehicle Lead-Acid Batteries	CCR	66266.81(a)(1)	
W141	HWG: Management of 11 or More Spent Vehicle Lead-Acid Batteries	CCR	66266.81(a)(3)	
W142	HWG: Damaged Lead Battery Handling	CCR	66266.81(b)	
W145	HWG: Improper Disposal of Hazardous Waste	CHSC	25189.5(a), 25201(a)	
W148	HWG: Hazardous Waste Not Transported by Registered Hauler		Multiple	
W152	HWG: Excluded Recyclable Materials Report	CHSC	25143.10	
W155	HWG: Satellite Accumulation	CCR	66262.34(e)	
W156	[illegible]	CHSC	25200.3.1(b)	
W157	HWG: Laboratory ... Treatment	CHSC	25200.3.1 (c)	
W158	HWG: Program Data Electronic Report	CHSC	25404(e)(4)	
W159	HWG: Facility Inspection Reporting	SBCC	23.0602,23.0712	
W190	HWG: Land Disposal Restrictions	CCR	Multiple	
W206	LQG: Facility Maintained to Prevent Fire Explosion/Release	CCR	66262.34(d)(2)	
W207	LQG: Contingency Plan	CCR	66262.34(d)(2)	
W213	HWG: Time Exceeded for Hazardous Waste Conditional Accumulation (180 days)		Multiple	
Violation:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days. HSC 6.5 25123.3(h)(1); 22 CCR 12 66262.34(d)			X
CLASS 2	OBSERVATION: At time of inspection observed (1) 55 gallon drum of waste antifreeze without a hazardous waste label with a most recent receipt for waste antifreeze dated for 4-26-2017. Accumulation time has exceeded. CORRECTIVE ACTION: Dispose of hazardous waste that has been stored over the applicable time limit and provide documentation that violation has been corrected.			
W214	LQG: Containers in Poor Condition or Damaged	CCR	66262.34(d)(2)	
W216	HWG: Open/Leaking Hazardous Waste Containers	CCR	66262.34(d)(2)	
Violation:	Failure to meet the following container management requirements: (1) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (2) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak. 40 CFR 1 262.34(d)(2), 265.173			X
MINOR	OBSERVATION: At time of inspection (1) 55 gallon drum of waste antifreeze and (1) 55 gallon drum of waste oily solids located in the hazardous waste storage area of the mechanics shop were observed open when not in use. CORRECTIVE ACTION: Close all the hazardous waste containers and submit photos to the CUPA demonstrating that the containers listed above have been properly closed.			
W218	HWG: Acutely/Extremely Hazardous Waste Accumulation Time Exceeded (90 days)		Multiple	
W227	HWG: Hazardous Waste ... Reporting		Multiple	
W231	SQG: Employee Training	CCR	66262.34(d)(2)	
W238	SQG: Weekly Hazardous Waste Storage Area Inspection	CCR	66262.34(d)(2)	
Violation:	Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers. 40 CFR 1 262.34(d)(2), 265.174			X
CLASS 2	OBSERVATION: Based upon observation of hazardous waste storage area, weekly inspections are not being conducted. CORRECTIVE ACTION: Submit a copy of the inspection log to the CUPA demonstrating that the hazardous waste storage area is inspected weekly.			
W245	SQG: Hazardous Waste Container ... Compatible with Material Stored	CCR	66262.34(d)(2)	
W249	SQG: ...	CCR	66262.34(d)(2)	
W268	SQG: Incompatible Waste Storage	CCR	66262.34(d)(2)	
W269	SQG: Hazardous Waste Tank ... Control of Overfill	CCR	66262.34(d)(2)	
W270	SQG: Daily Tank Monitoring and Discharge Inspection	CCR	66262.34(d)(2)	

W271	SQG Weekly Hazardous Waste Tank Construction and System Fixture Inspection	CCR	66262.34(d)(2)	
W272	SQG Hazardous Waste Facility Closure	CCR	66262.34(d)(2)	
W273	SQG Tank 2ft Freeboard	CCR	66262.34(d)(2)	
W278	SQG Hazardous Waste Minimization Certification	CCR	66262.27(b)	
W280	SQG Emergency Coordinator	CCR	66262.34(d)(2)	
W281	SQG Facility Emergency Equipment	CCR	66262.34(d)(2)	
W282	SQG Emergency Equipment Maintenance	CCR	66262.34(d)(2)	
W306	LQG Facility Maintained To Prevent Fire/Explosion/Release	CCR	66262.34(a)(4), 66265.31	
W307	LQG Contingency Plan	CCR	66262.34(a)(4), 66265.51	
W308	LQG Contingency Plan Copies	CCR	66262.34(a)(4), 66265.53	
W309	LQG Contingency Plan Emergency Action Plan	CCR	66262.34(a)(4), 66265.52	
W313	LQG Hazardous Waste Accumulation Time Exceeded		Multiple	
W314	LQG Container in Poor Condition or Damaged	CCR	66262.34(a)(1), 66265.17	
W316	LQG Open Hazardous Waste Container	CCR	66262.34(a)(1), 66265.17	
W318	LQG Weekly Hazardous Waste Storage Areas Inspection	CCR	66262.34(a)(1), 66265.17	
W320	LQG Hazardous Waste Tank Inspections	CCR	66262.34(a)(1), 66265.19	
W321	LQG Hazardous Waste Tank Cathodic Inspection	CCR	66262.34(a)(1), 66265.19	
W324	LQG Hazardous Waste Tank Equipment Replacement	CCR	66265.192(m)	
W325	LQG Hazardous Waste Tank Release	CCR	66265.196	
W326	LQG Tank Closure Requirements and Documentation	CCR	Multiple	
W331	LQG Employee Hazardous Waste Training	CCR	66262.34(a)(4), 66265.16	
W332	LQG Source Reduction Evaluation Review and Plan	CCR	67100.7, 67100.8	
W333	LQG Summary Progress Report	CCR	67100.9	
W334	LQG Source Reduction [illegible]	CCR	67100.5	
W340	LQG Hazardous Waste Minimization Certification	CCR	66262.27(a)	
W345	LQG Hazardous Waste Container Incompatible with Material Stored	CCR	66262.34(a)(1), 66265.17	
W349	LQG [illegible]	CCR	66262.34(a)(4), 66265.35	
W350	LQG New Hazardous Waste Tank System P.E. Certification	CCR	Multiple	
W351	LQG Reassessment for Hazardous Waste Tank System P.E. Certification	CCR	66265.192(h)	
W352	LQG New Tank [illegible] Standards	CCR	66265.192(k)	
W353	LQG Hazardous Waste Tank Standards	CCR	66262.34(a)(1), 66265.19	
W354	LQG Secondary C[illegible]	CCR	66262.34(a)(1), 66265.19	
W368	LQG Incompatible Waste [illegible]	CCR	Multiple	
W369	LQG [illegible] Containers	CCR	Multiple	
W371	LQG [illegible] Tanks	CCR	66262.34(a)(1), 66265.20	
W378	LQG Hazardous Waste [illegible] Exception Reporting	CCR	66262.42(a), (b), (d)	
W380	LQG [illegible]	CCR	66262.34(a)(4), 66265.55	
W381	LQG [illegible]	CCR	66262.34(a)(4), 66265.32	
W382	LQG [illegible] Maintenance	CCR	66262.34(a)(4), 66265.33	
W501	[illegible]on	CHSC	25[illegible]4	
W502	[illegible]on	CHSC	25211.2, 25211.3	
W503	[illegible] that Require Special Handling (MRSH) [illegible]	CHSC	25211.3, 25212, 25212(c)	
W504	[illegible] Removal of Materials that Require Special Handling (MRSH)	CHSC	25[illegible], 25212(a)	
W901	Universal Waste [illegible]	SBCC	23[illegible]	
W902	Universal Waste [illegible] Requirements	CCR	66273.34	
W903	Universal Waste [illegible] Time	CCR	66273.35	
W904	Universal Waste Handler [illegible] Training	CCR	66273.[illegible]	
W907	Universal Waste [illegible] Aerosol Cans	CHSC	25201.16(f)	
W908	Universal Waste Handling of Aerosol Cans	CHSC	25201.16(e)	
W911	Universal Waste Handler Department Notification	CCR	66273.32(c)	
W912	Universal Waste Handler Annual Report	CCR	66273.32(d)	
W913	Universal Waste Handler Release	CCR	66273.33.5	
W914	Universal Waste Handler [illegible] Notification	CCR	66273.32(a)	
W915	[illegible] Notification	CCR	66273.40(a)(3) and (4)	
W920	Universal Waste Handler [illegible] Disposal	CCR	66273.31(a)	
W923	[illegible] Universal Waste Handler DTSC ID Number	CCR	66273.32(b)	

INSPECTED BY	RECEIVED BY	
LEASHA ENCISO	Hector Alvarez	Signature Date Time: 3/24/20 10:52:19AM LTR:3/24/2020 10:51:49AM
INSPECTOR NAME	NAME	Yard Manager TITLE
	INSPECTION DATE: 03/24/2020	REPORT DATE: 3/24/20 11:02 am

[X] This report shall serve as a notice to comply for minor violations and a notice of violation for all other violations. THE VIOLATIONS NOTED IN THIS REPORT MUST BE CORRECTED WITHIN 30 DAYS UNLESS OTHERWISE SPECIFIED. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

CERTIFICATE OF COMPLIANCE

Return certification to inspector ALEASHA ENCISO within 30 days of inspection unless otherwise specified.

RESPONDENT: Hector Alvarez

VIOLATION(S) CITED ON: 3/24/2020

FACILITY NAME: HHS Construction Inc. FACILITY ID: **FA0015264**

SITE ADDRESS: 2042 S Grove Ave CERS ID: **10476988**

CITY: Ontario STATE: **CA** ZIP CODE: **91761**

Summary of Violations:

IMPORTANT- Attach all requested documentation when returning this certification.

W213	CORRECTIVE ACTION: Dispose of hazardous waste that has been stored over the applicable time limit and provide documentation that the violation has been corrected.
W216	CORRECTIVE ACTION: Close all the hazardous waste containers and submit photos to the CUPA demonstrating that the containers listed above have been properly closed.
W238	CORRECTIVE ACTION: Submit a copy of the inspection log to the CUPA demonstrating that the hazardous waste storage area is being inspected weekly.
W138	CORRECTIVE ACTION: Close and properly label the drum of drained used oil filters. Submit photos demonstrating violations have been corrected.
W110	CORRECTIVE ACTION: Properly label all hazardous waste containers and submit photos indicating all hazardous waste containers have been properly labeled.
W104	CORRECTIVE ACTION: Submit form #1358 to Department of Toxic Substances Control (DTSC) to reactivate EPA ID number CAL000406821. Submit a signed statement indicating form #1358 has been sent to DTSC within 30 days.
H209	CORRECTIVE ACTION: Submit an updated hazardous materials inventory via CERS within 30 days. CERS ID 10476988.
H211	CORRECTIVE ACTION: Submit accurate federal hazard category information for all items listed on hazardous materials inventory via CERS within 30 days.

I certify under penalty of law that:

- o Respondent has corrected violations specified in the above-entitled action.
- o I have personally examined any documentation attached to this certification to establish that the violations have been corrected.
- o Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.
- o I am authorized to file this certification on behalf of the Respondent.
- o I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

SIGNATURE _____ DATE _____

PRINT NAME _____ TITLE _____

PHOTO NARRATIVE

PHOTO 1

PHOTO 2

Facility/Case Name: HHS Construction Facility ID #: FA0015264

Address: 2042 S Grove Ave., Ontario, CA 91762

1) Description: Front of the facility.

2) Description: (1) 240 gallon container of used oil with an incomplete hazardous waste label located in the hazardous waste storage area in the mechanics shop.

Date Taken: **3-24-2020**

Taken By: **Aleasha Enciso** Signature: A Enciso

Rev 06/29/2018

PHOTO NARRATIVE

PHOTO 3

PHOTO 4

Facility/ Case Name: HHS Construction Facility ID #: FA0015264

Address: 2042 S Grove Ave., Ontario, CA 91762

3) Description: (1) 240 gallon drum of used oil as mentioned in photo 2, (1) 55 gallon drum of waste antifreeze (blue drum) open when not in use and without a hazardous waste label, (1) 55 gallon drum of drained used oil filters open when not in use and not labeled and (2) 55 gallon drums of hydraulic oil.

4) Description: (3) 55 gallon drums of hydraulic oil, (1) 55 gallon drum of waste oily solids open when not in use and without a hazardous waste label and (1) 55 gallon drum of trash located in hazardous waste storage area of mechanics shop.

Date Taken: **3-24-2020**

Taken By: **Aleasha Enciso** Signature: A Enciso

Rev 06/29/2018

PHOTO NARRATIVE

PHOTO 5

PHOTO 6 **NO PHOTO**

Facility/ Case Name:	HHS Construction	Facility ID #:	FA0015264
Address:	2042 S Grove Ave., Ontario, CA 91762		
5) Description:	(1) 55 gallon drum of acetone located next to the hazardous waste storage area of the mechanics shop and was not listed on hazardous materials inventory submitted via CERS on 6-11-2019.		
6) Description:	No photo		

Date Taken: **3-24-2020**

Taken By: **Aleasha Enciso** Signature: A Enciso

Rev 06/29/2018

RE: HHS Construction LLC

Curry, Dave <DAVE@hhsconstruction.net>
To Enciso, Aleasha

Wed 6/17/2020 10:12 AM

Hi Aleasha,
I have been told the Acetone barrel was empty and it is no longer on the premises, so I won't add it to the inventory. Hopefully that is ok or do you need anything further?

Thanks,

Dave Curry
Director of Safety
HHS Construction LLC

2042 S. Grove Ave.
Ontario, CA 91761
OFFICE: (909) 595 5522
FAX: (909) 595 5591
CELL: (909) 376 4958

dowry@comcast.com

HHS Construction LLC

Curry, Dave <DAVE@hhsconstruction.net>
To Enciso, Aleasha

Tue 6/16/2020 11:04 AM

Flag for follow up. Completed on Tuesday, June 16, 2020.
You replied to this message on 6/16/2020 2:27 PM.

HAZ 55 GALLON sealed and labeled (3) 6-16-20.jpg 74 KB
HAZ SIGN Inspection log 6-16-20.jpg 82 KB
HAZ 55 GALLON sealed and labeled (2) 6-16-20.jpg 130 KB
HAZ 55 GALLON labeled 6-16-20.jpg 231 KB

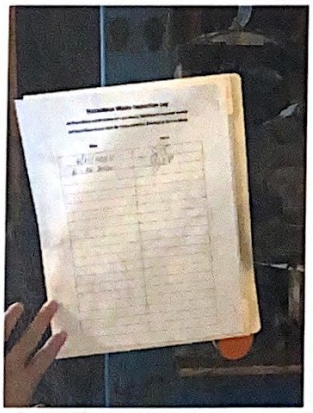
Hi Aleasha,
Attached are the photos your requested. As soon as I receive the EPA# reinstatement I'll send a copy over to you.
Please let me know if there is anything else we need to do to stay compliant.

Thanks for all your help,

Dave Curry
Director of Safety
HHS Construction LLC

2042 S. Grove Ave.
Ontario, CA 91761
OFFICE: (909) 595 5522
FAX: (909) 595 5591
CELL: (909) 376 4958

dowry@comcast.com




HYDRAULIC
OIL
85-805
HAZARDOUS
WASTE


HYDRAULIC
FLUID
HAZARDOUS
WASTE


HAZARDOUS WASTE
DRAINED USED OIL FILTERS
HAZARDOUS WASTE
HANDLE WITH CARE!
DRAINED USED OIL FILTERS
Valvoli

DESERT ENVIRONMENTAL SERVICES INC.

1 (760) 243-7619 | DESERTFR@VERIZON.NET

C220168 **INVOICE CONSOLIDATED WASTE**

Shipped Via	Desert Environmental Services
EPAID#	CAR000298737
Consolidated Waste ID#	4150
CA#	0282014
MC#	8381
DOT#	2733323
GENERATOR	
Name/DBA	[illegible]
Address	[illegible]
City, State ZIP	[illegible]
Phone #	[illegible]
EPA I.D. #	[illegible]
P.O. #	
Email	

MANIFEST NUMBER	QTY	WASTE DESCRIPTION	WASTE CODE	PRICE	TOTAL
017840287JJK	240	Used Oil	221	.2	48
0178404.6JJK	50	Oily Water	223	1.65	82.50
		Antifreeze	134		
017840	1	Oily Debris	352	200	200
		Undrained Metal Oil Filters	352		
		Cartridge/ Paper Filters	352		
BOL #	1	Drained/Punctured Metal Oil Filters		-	60
SUPPLIES		Labels			
		Drums			
OTHER CHARGES		Transportation Drum			
		Labor			
	1	Stop Fee		150	150
OTHER	1	e-manifest		10	10
HAZARDOUS					
WASTE					

4/15/20

FOR PICKUPS PLEASE CALL 760-243-7619

SUB TOTAL	550.50
CREDITS/PAYMENTS	
PLEASE PAY THIS AMOUNT	550.50

TERMS: NET 30 DAYS

Consolidated Non-RCRA Hazardous Waste SHIPPED TO:

Name	Advanced Environmental	☐
Address	13579 Whittram Ave.	
City, State ZIP	Fontana, CA 92335	
EPA ID #	CAT080025711	
Name	AA Sydcol, LLC.	☐
Address	1925 S. Factor Ave.	
City, State, Zip	Yuma, AZ 85365	
EPA ID #	AZR000501510	
Name	Demenno-Kerdoon	☐
Address	2000 N. Alameda St.	
City, State, ZIP	Compton, CA 90222	
EPA ID #	CAT080013352	

Other Hazardous Waste SHIPPED TO:

Comm Const 50/50 ONT yard

Please remit payment to:
Desert Environmental Services Inc.
12127 Mall Blvd. Suite A 389
Victorville, CA 92392
We accept Visa, MC & Discover

IMPORTANT NOTICE REGARDING THE DISPOSITION OF YOUR USED OIL

PLEASE SIGN AFTER READING

Desert Environmental Services, Inc. hereby advises _________________ (Used Oil Generator) that _________________ (Generator's) shipment of used oil may be transported to a facility that is required to comply with federal regulations applicable to management of used oil, but that is not required to comply with the more stringent requirements applicable to hazardous waste management facilities. California facilities that handle or process used oil are required to meet those more stringent requirements, and some out-of-state facilities that process used oil also meet those requirements. These include more stringent leak detection and prevention requirements, engineering certifications of tank integrity, and financial assurances for closure and accidental releases. It is lawful to send used oil to out-of-state facilities that comply only with federal used oil management standards and not these more stringent requirements.

This notification is for information purposes only.

Desert Environmental Services, Inc. (signed, Transporter) Date: __________

__________________ (signed, Generator) Date: __________

Generator is responsible for proper identification of Waste Stream. If improperly identified generator agrees to pay all testing, transportation and disposal charges incurred.

DATE 4/14/20 **GENERATOR** [signature] **DRIVER** [signature]

White: Original Canary: Accounting Pink: Manifest Gold: Generator

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 CAR000298737	2. Page 1 of 1	3. Emergency Response Phone (760) 245-1619	4. Manifest Tracking Number 015454455 JJK

GENERATOR

5. Generator's Name and Mailing Address: Desert Environmental Services Inc. 15127 Hallmark Lane Victorville, CA 92392

Generator's Site Address (if different than mailing address): 13554 Anacapa Road Victorville Victorville, CA 92392

Generator's Phone:

6. Transporter 1 Company Name: Desert Environmental Services Inc. — U.S. EPA ID Number: CAR000298737

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: ADVANCED ENVIRONMENTAL INC 13579 Whittram Ave Fontana, CA 92335 (909) 356-9025 — U.S. EPA ID Number: CAT080025711

Facility's Phone:

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. (Oily water) Non RCRA Hazardous Waste Liquids	001	TT	700	G	331 223
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: Wear proper PPE (L)

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: [illegible] — Signature: [signature] — Month: 4 Day: 8 Year: 20

INT'L

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: [illegible] — Signature: [signature] — Month: 4 Day: 8 Year: 20

Transporter 2 Printed/Typed Name: [illegible] — 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:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
[illegible]			

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: [illegible] — Signature: [signature] — Month: 4 Day: 8 Year: 20

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

SAN BERNARDINO COUNTY FIRE DISTRICT

620 South "E" Street San Bernardino, CA 92415-0153 (909) 386-8401 Fax (909) 386-8460

Office of the Fire Marshal
Hazardous Materials Division
sbcfire.org

Daniel R. Munsey
Fire Chief/Fire Warden

Michael A. Horton
Fire Marshal/Deputy Fire Warden

April 09, 2020

HHS Construction Inc.
2042 S. Grove Ave.
Ontario, CA 91761

SUBJECT: COMPLIANCE DEADLINE REMINDER NOTICE

FACILITY: FA0015264-HHS Construction Inc.
2042 S Grove Ave
Ontario, CA 91761

A post-inspection compliance review indicates that the following violations cited at the time of inspection on **March 24, 2020**, remain outstanding.

- Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met:
  (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms.
  (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f).
  (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days. CHSC 6.5 25123.3(h)(1); 22 CCR 12 66262.34(d)
- Failure to meet the following container management requirements:
  (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste.
  (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak. 40 CFR 1 262.34(d)(2), 265.173
- Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers. 40 CFR 1 262.34(d)(2), 265.174
- Failure to properly manage used oil and/or fuel filters in accordance with the requirements. 22 CCR 16 66266.130; CHSC 6.5 25250.22
- Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
- Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
- Failure to electronically update business plan within 30 days of any one of the following events:
  A 100 percent or more increase in the quantity of a previously disclosed material.
  Any handling of a previously undisclosed hazardous materials at or above reportable quantities.
  A change of business address, business ownership, or business name.
  A substantial change in the handler's operations that requires modification to any portion of the business plan.

- Failure to accurately complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities of 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases

If all compliance documentation has recently been submitted, please disregard this notice

IMPORTANT: All compliance documentation requested on the inspection report must be received by this Division within **30 days from the date of the violation** or as otherwise indicated in the inspection report. This CUPA (Certified Unified Program Agency) is required by the State of California to gain compliance from all facilities subject to hazardous materials and hazardous waste laws and regulations **Complying within 30 days of violation or as indicated in the inspection report, is the most efficient and the least inconvenient way for a facility to resolve outstanding violations.** If formal enforcement is necessary to gain compliance after 30 days, the facility will be **subject to substantial civil fines, costs and other penalties** pursuant to California Health and Safety Code (CHSC) 25404.1.1 & 25187.8.

If I can be of assistance in helping you correct the violations stated above or if you have any other questions, please don't hesitate to contact me at AENCISO@SBCFIRE.ORG or (909) 386-8401.

A. Enciso

ALEASHA ENCISO, REHS
Hazardous Materials Specialist
Hazardous Materials Division

San Bernardino County CUPA
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

FA #: _____ Facility Name: _____ Inspection Date: _____

Site Address: _____ Phone #: _____

City: _____ Zip Code: _____ EPA ID #: _____

Consent Granted by:

☐ Inspect ☐ Photograph Name: _____ Title: _____

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 and 6.95 of the California Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC)

THE FOLLOWING SECTIONS ARE IN VIOLATION IF THEY ARE CHECKED

General Requirements:

☐ 101. / 201. Hazardous Waste and/or Materials Permits not current. (CC 23.0602(a)) _____
Compliance requirement: Submit fees within 30 days of billing

☐ 104. EPA ID Number not obtained for waste generation. (CCR 66262 12(a)) _____
Compliance Requirement: Obtain permanent EPA ID Number by submitting Form 1358 to DTSC. Submit your EPA ID Number to this Division.

☐ 106. Facility not operated to prevent a spill or release. (CCR 66265.31) _____
Compliance Requirement: Facility must conduct housekeeping & operate to prevent all spills. Signature on certification below denotes compliance.

☐ 107. A Contingency Plan has not been established. (CCR 66265.51(a))

☐ 202. A Business Plan has not been established. (CHSC 25507) ☐ 206. Business Plan not updated w/in 12 months (CHSC 25508.2)

☐ 203. A Business Plan has not been submitted. (CHSC 25508)
Compliance Requirement: Using the California Environmental Reporting System (CERS), submit Business Plan information into the statewide information management system.

☐ 131. Training documentation not complete or available. (CCR 66262.34(d)(2)) _____
Compliance Requirement: Submit training documentation as required.

Container Storage and Labeling Requirements:

☐ 110. Hazardous waste containers are not labeled/marked. (CCR 66262.34(f)(3)) _____

☐ 111. Hazardous waste label is incomplete. (CCR 66262.34(f)(3)) _____

☐ 112. Accumulation start date is missing from tank/container. (CCR 66262.34(f)(2)) _____
Compliance Requirement: Hazardous waste label is to be applied to the tank/container. All fields and lines are to be correctly completed

☐ 113. Accumulation time exceeded. (CCR 66262.34) _____
Compliance Requirement: Dispose of waste using a licensed waste hauler within 30 days. Submit copies of disposal documents to this Division.

☐ 114. Hazardous waste container not sound. (CCR 66265.171) _____

☐ 115. Hazardous waste container leaking. (CCR 66265.173(b)) _____

☐ 116. Hazardous waste container open when not in use. (CCR 66265.173(a)) _____
Compliance Requirement: Waste containers must be sound, not leaking and closed when not in use.

Waste Management:

☐ 119. Hazardous waste managed unlawfully. (CHSC 25154) _____
Compliance Requirement: Hazardous waste containers and aboveground tanks must be labeled, closed, and inspected (weekly or daily, as appropriate). Waste is to be removed by a licensed waste hauler within the allowed time periods.

☐ 128. Failure to retain **manifested** waste disposal records for 3 years. (CCR 66262.40(a)) _____

☐ 137. Failure to retain **consolidated** waste disposal records for 3 years. (CHSC 25160.2(b)(3)) _____
Compliance Requirement: Submit copies of waste disposal records for the past _____

☐ 138. Unlawful management of used oil filters. (CCR 66266.130) _____
Compliance Requirement: Label all used oil filter containers with "DRAINED USED OIL FILTERS" and the accumulation start date.

Business Description: _____

Inspector: _____ Sign Name _____ Print Name

Received By: _____ Sign Name _____ Print Name

Title: _____

Report Date: _____

Sign and submit the yellow copy of this form within 30 days with the required documents listed in each "Compliance Requirement" section.

I certify that I have met the compliance requirements of this Notice of Violation: _____ Name 4-7-17 Date

Form Revised: 05/15/15 *15-21060-638*

DISTRIBUTION: White – CUPA File Yellow – Facility returns to CUPA Pink – Facility

SAN BERNARDINO COUNTY FIRE DISTRICT

620 South "E" Street San Bernardino, CA 92415-0153 (909) 386-8401 Fax (909) 386-8460

Office of the Fire Marshal
Hazardous Materials Division
sbcfire.org

Mark A. Hartwig
Fire Chief/Fire Warden

Michael A. Horton
Fire Marshal

April 01, 2017

ATTN: DAVE CURRY

SUBJECT: INSPECTION COMPLIANCE REQUIREMENTS

FACILITY: FA0015264-HHS Construction Inc.
2042 S Grove Ave
Ontario, CA 91761

Dave Curry,

A recent review of our records indicates that the following violation(s) remain outstanding from the inspection conducted on January 30, 2017:

- Failure to obtain an EPA ID Number
- Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
- Hazardous waste containers labels not complete
- Failure to note accumulation start date on labels
- Failure to manage Used Oil filters lawfully

Failure to submit the signed and completed certificate of compliance with the previously requested documentation immediately may result in legal action.

If you have any questions, please call me at (909) 386-8401 or email me at JTAO@SBCFIRE.ORG.

JUSTIN TAO, REHS
Hazardous Materials Division

San Bernardino County CUPA

620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

FA #: 0015264 Facility Name: HHS Construction Inspection Date: 1/30/17

Site Address: 2042 S Grove Phone #: (909) 345-3522

City: Ontario Zip Code: 91761 EPA ID #: CALD004068821

Consent Granted by:

☒ Inspect ☒ Photograph Name: Micah Radnich Title: Fleet Manager

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 and 6.95 of the California Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC)

THE FOLLOWING SECTIONS ARE IN VIOLATION IF THEY ARE CHECKED

General Requirements:

☐ 101. / 201. Hazardous Waste and/or Materials Permits not current. (CC 23.0602(a)) Permits are current - expire 2/28/17
Compliance requirement: Submit fees within 30 days of billing.

☒ 104. EPA ID Number not obtained for waste generation. (CCR 66262.12(a)) EPA ID # is inactive
↳ **Compliance Requirement**: Obtain permanent EPA ID Number by submitting Form 1358 to DTSC. Submit your EPA ID Number to this Division.

☐ 106. Facility not operated to prevent a spill or release. (CCR 66265.31) facility operated to prevent spill or release
Compliance Requirement: Facility must conduct housekeeping & operate to prevent all spills. Signature on certification below denotes compliance.

☐ 107. A Contingency Plan has not been established. (CCR 66265.51(a)) Inside: (2) 250-gl motor oil (1) 55-gl waste antifreeze (1) 55-gl drained used oil filters (2) 55-gl hydraulic oil (1) 55-gl waste solids (1) 250-gl DEF (4) 55-gl used oil (3) 55-gl new diesel (1) 55-gl degreaser (12) 8-gl propane

☐ 202. A Business Plan has not been established. (CHSC 25507)

☒ 206. Business Plan not updated w/in 12 months (CHSC 25508.2)
↳ last BP submitted on 1/7/14

☐ 203. A Business Plan has not been submitted. (CHSC 25508)
Compliance Requirement: Using the California Environmental Reporting System (CERS), submit Business Plan information into the statewide information management system.

☐ 131. Training documentation not complete or available. (CCR 66262.34(d)(2)) Training is provided bi-weekly
Compliance Requirement: Submit training documentation as required.

Container Storage and Labeling Requirements:

Waste: Republic Environmental Services

☒ 110. Hazardous waste containers are not labeled/marked. (CCR 66262.34(f)(3)) (1) 55-gl waste solid missing waste label

☒ 111. Hazardous waste label is incomplete. (CCR 66262.34(f)(3)) Waste labels incomplete

☒ 112. Accumulation start date is missing from tank/container. (CCR 66262.34(f)(2)) No accumulation start date available on all containers
↳ **Compliance Requirement**: Hazardous waste label is to be applied to the tank/container. All fields and lines are to be correctly completed.

☐ 113. Accumulation time exceeded. (CCR 66262.34) time not exceeded - last pick upon
Compliance Requirement: Dispose of waste using a licensed waste hauler within 30 days. Submit copies of disposal documents to this Division.

☐ 114. Hazardous waste container not sound. (CCR 66265.171) waste containers are sound

☐ 115. Hazardous waste container leaking. (CCR 66265.173(b)) Not leaking

☐ 116. Hazardous waste container open when not in use. (CCR 66265.173(a)) Closed when not in use
Compliance Requirement: Waste containers must be sound, not leaking and closed when not in use.

Waste Management:

☐ 119. Hazardous waste managed unlawfully. (CHSC 25154) waste managed lawfully
Compliance Requirement: Hazardous waste containers and aboveground tanks must be labeled, closed, and inspected (weekly or daily, as appropriate). Waste is to be removed by a licensed waste hauler within the allowed time periods.

☐ 128. Failure to retain **manifested** waste disposal records for 3 years. (CCR 66262.40(a)) N/A

☐ 137. Failure to retain **consolidated** waste disposal records for 3 years. (CHSC 25160.2(b)(3)) Disposal records available
Compliance Requirement: Submit copies of waste disposal records for the past N/A

☒ 138. Unlawful management of used oil filters. (CCR 66266.130) No start date available
↳ **Compliance Requirement**: Label all used oil filter containers with "DRAINED USED OIL FILTERS" and the accumulation start date.

Business Description: Facility is a construction cable company

Inspector: _____ (Sign Name) Justin Tao (Print Name)

Received By: Micah Radnich (Sign Name) Micah Radnich (Print Name) Title: Fleet Manager

Report Date: 1/30/17

Sign and submit the yellow copy of this form within 30 days with the required documents listed in each "Compliance Requirement" section.

I certify that I have met the compliance requirements of this Notice of Violation: _____ (Name) _____ (Date)

Form Revised 05/15/15 15-21060-638

DISTRIBUTION: White – CUPA File Yellow – Facility returns to CUPA Pink – Facility

PHOTO NARRATIVE

PHOTO 1

PHOTO 2

Facility/Case Name: **HHS Construction** Facility ID #: **0015264**

Address: **2042 S Grove Ave, Ontario 91761**

1) Description: **This is the front of the facility.**

2) Description: **This is the hazardous waste storage area. Facility has (4) 55 gal drums of waste oil, (1) 55 gal drum of waste antifreeze, and (1) 55 gal drum of waste solids, and (1) 55 gal drum of drained used oil filters. None of the hazardous waste drums had the accumulation start date.**

Date Taken: **1/30/17**

Taken By: **Justin Tao** Signature: _____

CUPA

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HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

FA #: _____ Facility Name: HHS CONSTRUCTION, INC Inspection Date: 12.19.13

Site Address: 2042 S. GROVE AVENUE Phone #: 909.393.3322

City: ONTARIO Zip Code: 91761 EPA ID #: NOT AVAILABLE

Consent Granted by:

☒ Inspect ☒ Photograph Name: DAVE CURRY Title: DIRECTOR OF SAFETY # Emp: _____

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 of the Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC). The following code sections are either in Violation (V) of, in Compliance (C) with, the applicable laws and regulations, or compliance is not applicable, not addressed or unknown (N)

GENERAL REQUIREMENTS FOR GENERATORS		V	C	N
101. Hazardous Waste Generator Permit current	CC 23.0602(b)(1)	X		
102. Facility access for inspection granted - HW only	CHSC 25185		X	
103. Hazardous Waste determination made	CCR 66262.11		X	
104. EPA ID Number obtained	CCR 66262.12(a)	X		
105. Hazardous Waste storage/treatment authorization	CHSC 25189.5(d)			X
106. Facility operated/maintained to prevent release/fire	CCR 66265.31		X	
107. Contingency Plan established	CCR 66265.51(a)	X		
108. Recyclable materials managed lawfully	CHSC 25143.2			X
905. Universal Waste managed lawfully	CCR 66273.1			X
STORAGE AND LABELING REQUIREMENTS				
110. Tank/container labeled/marked "Hazardous Waste"	CCR 66262.34(f)(3)	X		
111. Hazardous Waste label complete	CCR 66262.34(f)(3)	X		
112. Accumulation start date on tank/container	CCR 66262.34(f)(2)	X		
113. Hazardous Waste accumulation time not exceeded	CCR 66262.34		X	
114. Hazardous Waste containers sound	CCR 66265.171		X	
115. Hazardous Waste containers not leaking	CCR 66265.173(b)		X	
116. Hazardous Waste containers closed	CCR 66265.173(a)		X	
117. Contaminated containers managed properly	CCR 66261.7		X	
118. Container storage area inspected weekly	CCR 66265.174	X		
119. Hazardous Waste managed lawfully	CHSC 25154		X	
120. Hazardous Waste aboveground tank system inspected	CCR 66262.34			X
HAZARDOUS WASTE RECORDS AND MANIFESTS				
125. Hazardous Waste transported with a manifest	CCR 66262.20(a)		X	
126. Hazardous Waste manifest complete	CCR 66262.23		X	
127. Hazardous Waste manifests sent to DTSC	CCR 66262.23(a)(4)		X	
128. Manifests retained for at least 3 years	CCR 66262.40(a)		X	
129. Biennial Report prepared	CCR 66262.41			X
130. Hazardous Waste analyses retained for 3 years	CCR 66262.40(c)			X
131. Training documentation complete & available	CCR 66265.16		X	
132. Copy of completed SB 14 available	CCR 67100.3			X
135. Used oil managed properly	CHSC 25250.4		X	
136. Used oil not contaminated with Hazardous Waste	CHSC 25250.7		X	
137. Consolidated manifesting records available	CHSC 25160.2(b)(3)		X	
138. Used oil filters managed lawfully	CCR 66266.130	X		
139. Spent lead acid batteries managed lawfully	CCR 66266.81		X	
DISPOSAL AND TRANSPORTATION				
145. Illegal disposal/abandonment of Hazardous Waste	CHSC 25189.5(a)			X
146. Illegal disposal of used oil	CHSC 25250.5(a)			X
147. Transporting Hazardous Waste w/o valid registration	CHSC 25163			X
148. Hazardous Waste hauled by transporter w/o valid registration	CHSC 25163			X
149. Hazardous Waste transported to an unauthorized facility	CHSC 25189.5(c)			X

GENERAL REQUIREMENTS FOR HANDLERS		V	C	N
201. Hazardous Material Handler permit current	CC 23.0602(b)(3)	X		
202. Business Plan established	CHSC 25503.5	X		
203. Business Plan submitted/updated	CHSC 25505	X		
204. Hazardous Materials release reported	CHSC 25507			X
205. Facility access for inspection granted – HM	CHSC 25508		X	
206. Regulated Substances registration filed	CHSC 25533			X
207. SPCC Plan prepared	CHSC 25270.4.5			X

INSPECTION NARRATIVE

An inspection was conducted to determine compliance with applicable hazardous waste and hazardous materials laws and regulations.

Permission to inspect and photograph granted by Dave Curry – Director of Safety. Mr. Curry also escorted inspectors, Obeso and Wade throughout the inspection.

HHS Construction, Inc is a contractor for the installation of communications systems. This facility recently relocated from 14455 Ramona Avenue, Chino, CA 91710. There are large vehicles and heavy equipment stored on site.

Inventory:
(1) Cylinder of Acetylene
(1) Cylinder of Oxygen
(4) Cylinders of Argon
(4) Cylinders of Nitrogen
(14) Cylinders of Propane
(18) 55-gal. drums of Tack Oil
(1) 55-gal. drum lube oil
(2) 55-gal. drums of waste oil
(2) 55-gal. drums of oil filters
(1) 55-gal. drum of spent antifreeze

☒ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspected By: Gail A Obeso (Sign Name) GAIL A. OBESO (Print Name)

Received By: CERTIFIED MAIL (Sign Name) N/A (Print Name) Title: N/A

Report Date: 1.6.2014

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SUPPLEMENTAL INSPECTION REPORT

FACILITY ID	FACILITY NAME:	FACILITY LOCATION:	INSPECTION DATE: 12.19.2013
	HHS CONSTRUCTION, INC	2042 S. GROVE AVENUE, ONTARIO, CA 91761	
Consent Granted by: XInspect XPhotograph	NAME: DAVE CURRY	TITLE: DIRECTOR OF SAFETY	

Document Review:

No CUPA permits pending fee schedule restructuring. A CUPA Business Emergency/Contingency Plan has not been established/submitted. A complete Business Plan submittal is required via the California Environmental Reporting System (CERS). No CERS ID number exists for this facility. Waste disposal records were available for review but the EPA ID# used belongs to an employee. A valid EPA ID# has not been obtained.

Correct the following violations within 30 days of receipt of this report:

101. Failure to obtain a Hazardous Waste Generator Permit – CC23.0602(b)(1). Facilities that generate hazardous wastes are required to obtain a hazardous waste generator permit. Containers of waste oil, batteries, and waste antifreeze were observed during this inspection.

Compliance requirements: Pay the permit invoice upon receipt from this Department.

104. Failure to obtain an EPA ID # - CCR 66262.12(a) - Facilities that generate hazardous waste must dispose of waste using an EPA ID # that is specific to the facility. Current EPA ID # in use belongs to one of the employees. Application for an EPA ID # form was completed at the time of this inspection, but a number does not appear in the Hazardous Waste Tracking System.

Compliance requirements: Complete and submit the application for an EPA ID # and submit a copy of the EPA ID # to this Department.

107. Failure to establish a Contingency Plan – CCR 66265.51(a). No Contingency Plan available for review at the time of this inspection.

Compliance requirements: Establish a Contingency Plan and complete the Certificate of Compliance attached to this report and mail back to this Department.

110, 111, 112. Failure to affix complete Hazardous Waste Labels to tanks/containers of hazardous waste - CCR 66262.34(f)(3), CCR 66262.34(f)(2). Containers were observed to be

X NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspected By: Gail A Obeso (Sign Name) — GAIL A. OBESO (Print Name)

Received By: CERTIFIED MAIL (Sign Name) — N/A (Print Name)

Title: N/A

Report Date: 1.6.2014

Form Revised 1/16/2007

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SUPPLEMENTAL INSPECTION REPORT

FACILITY ID	FACILITY NAME:	FACILITY LOCATION:	INSPECTION DATE:
	HHS CONSTRUCTION, INC	2042 S. GROVE AVENUE, ONTARIO, CA 91761	12.19.2013
Consent Granted by: XInspect XPhotograph	NAME: DAVE CURRY	TITLE: DIRECTOR OF SAFETY	

either missing labels or labels were incomplete. Accumulation start dates were missing from the labels as well.

Compliance requirements: Attach completed Hazardous Waste labels to all waste storage containers. Include accumulation start dates and dispose of waste within the 180 day period.

118. Failure to inspect container storage area weekly – CCR 6626.174. No inspection program in place at the time of this visit.

Compliance requirements: conduct and document inspections. Submit copies of 3 weeks worth of inspections to this Department.

138. Failure to mange used oil filters lawfully – CCR 66266.130. 2 drums of used oil filters were stored without labels.

Compliance requirements: Attach completed labels to the drums and dispose of through appropriate channels.

201. Failure to obtain a Hazardous Materials Handler Permit – CC 23.0602(b)(3). A facility which handles hazardous materials is required to obtain a permit. No permit has been issued for this facility.

Compliance requirements: Pay the permit invoice upon receipt from this Department.

202, 203. Failure to establish and submit a Business Plan. All Plans are now required to be submitted electronically on the California Environmental Reporting System (CERS). No plans are on file in CERS or with this Department.

Compliance requirements: Submit a complete and accurate Business Plan on the CERS website. (Brochure left on site). Should you need assistance, you may call the CERS helpdesk at 909.386.8432.

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Inspected By: Gail A Obeso (Sign Name) — GAIL A. OBESO (Print Name)

Received By: CERTIFIED MAIL (Sign Name) — N/A (Print Name)

Title: N/A

Report Date: 1.6.2014

Form Revised 1/16/2007

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SUPPLEMENTAL INSPECTION REPORT

FACILITY ID	FACILITY NAME:	FACILITY LOCATION:	INSPECTION DATE:
	HHS CONSTRUCTION, INC	2042 S. GROVE AVENUE, ONTARIO, CA 91761	12.19.2013
Consent Granted by: XInspect XPhotograph	NAME: DAVE CURRY	TITLE: DIRECTOR OF SAFETY	

Submit the completed Certificate of Compliance (CoC) provided along with all requested documentation to this Division within 30 days of receipt of this report. The CoC certifies that all violations have been corrected.

Contact Gail Obeso should you need additional assistance at gobeso@sbcfire.org or 909.386.8430.

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Inspected By: Gail A Obeso (Sign Name) GAIL A. OBESO (Print Name)

Received By: CERTIFIED MAIL (Sign Name) N/A (Print Name)

Title: N/A

Report Date: 1.6.2014

Form Revised 1/16/2007

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HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

FA #: _____ Facility Name: HHS CONSTRUCTION, INC Inspection Date: 12.19.13

Site Address: 2042 S. GROVE AVENUE Phone #: 909.393.3322

City: ONTARIO Zip Code: 91761 EPA ID #: NOT AVAILABLE

Consent Granted by:

☒ Inspect ☒ Photograph Name: DAVE CURRY Title: DIRECTOR OF SAFETY # Emp: _____

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 of the Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC). The following code sections are either in Violation (V) of, in Compliance (C) with, the applicable laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS FOR GENERATORS		V	C	N
101. Hazardous Waste Generator Permit current	CC 23.0602(b)(1)	X		
102. Facility access for inspection granted - HW only	CHSC 25185		X	
103. Hazardous Waste determination made	CCR 66262.11		X	
104. EPA ID Number obtained	CCR 66262.12(a)	X		
105. Hazardous Waste storage/treatment authorization	CHSC 25189.5(d)			X
106. Facility operated/maintained to prevent release/fire	CCR 66265.31		X	
107. Contingency Plan established	CCR 66265.51(a)	X		
108. Recyclable materials managed lawfully	CHSC 25143.2			X
905. Universal Waste managed lawfully	CCR 66273.1			X
STORAGE AND LABELING REQUIREMENTS				
110. Tank/container labeled/marked "Hazardous Waste"	CCR 66262.34(f)(3)	X		
111. Hazardous Waste label complete	CCR 66262.34(f)(3)	X		
112. Accumulation start date on tank/container	CCR 66262.34(f)(2)	X		
113. Hazardous Waste accumulation time not exceeded	CCR 66262.34		X	
114. Hazardous Waste containers sound	CCR 66265.171		X	
115. Hazardous Waste containers not leaking	CCR 66265 173(b)		X	
116. Hazardous Waste containers closed	CCR 66265.173(a)		X	
117. Contaminated containers managed properly	CCR 66261.7		X	
118. Container storage area inspected weekly	CCR 66265.174	X		
119. Hazardous Waste managed lawfully	CHSC 25154		X	
120. Hazardous Waste aboveground tank system inspected	CCR 66262.34			X
HAZARDOUS WASTE RECORDS AND MANIFESTS				
			X	
			X	
			X	
			X	
				X
				X
			X	
				X
			X	
			X	
			X	
				X
				X
				X
				X
				X

GENERAL REQUIREMENTS FOR HANDLERS		V	C	N
201. Hazardous Material Handler permit current	CC 23.0602(b)(3)	X		
202. Business Plan established	CHSC 25503.5	X		
203. Business Plan submitted/updated	CHSC 25505	X		
204. Hazardous Materials release reported	CHSC 25507			X
205. Facility access for inspection granted – HM	CHSC 25508		X	
206. Regulated Substances registration filed	CHSC 25533			X
207. SPCC Plan prepared	CHSC 25270.4.5			X

INSPECTION NARRATIVE

An inspection was conducted to determine compliance with applicable hazardous waste and hazardous materials laws and regulations.

Permission to inspect and photograph granted by Dave Curry – Director of Safety. Mr. Curry also escorted inspectors, Obeso and Wade throughout the inspection.

HHS Construction, Inc is a contractor for the installation of communications systems. This facility recently relocated from 14455 Ramona Avenue, Chino, CA 91710. There are large vehicles and heavy equipment stored on site.

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(1) Cylinder of Acetylene
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(18) 55-gal. drums of Tack Oil
(1) 55-gal. drum lube oil
(2) 55-gal. drums of waste oil
(2) 55-gal. drums of oil filters
(1) 55-gal. drum of spent antifreeze

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HHS Construction, Inc.
Attn: Dave Curry
2042 S. Grove Avenue
Ontario, CA 91761

PS Form 3800, August 2006 See Reverse for Instructions

7012 2210 0000 1173 6953

☒ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspected By: Gail A Obeso (Sign Name) GAIL A. OBESO (Print Name)

Received By: CERTIFIED MAIL (Sign Name) N/A (Print Name)

Title: N/A

Report Date: 1.6.2014

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SUPPLEMENTAL INSPECTION REPORT

ACILITY ID	FACILITY NAME:	FACILITY LOCATION:	INSPECTION DATE: 12.19.2013
	HHS CONSTRUCTION, INC	2042 S. GROVE AVENUE, ONTARIO, CA 91761	
Consent Granted by: XInspect XPhotograph	NAME DAVE CURRY	TITLE DIRECTOR OF SAFETY	

Document Review:

No CUPA permits pending fee schedule restructuring. A CUPA Business Emergency/Contingency Plan has not been established/submitted. A complete Business Plan submittal is required via the California Environmental Reporting System (CERS). No CERS ID number exists for this facility. Waste disposal records were available for review but the EPA ID# used belongs to an employee. A valid EPA ID# has not been obtained.

Correct the following violations within 30 days of receipt of this report:

101. Failure to obtain a Hazardous Waste Generator Permit – CC23.0602(b)(1). Facilities that generate hazardous wastes are required to obtain a hazardous waste generator permit. Containers of waste oil, batteries, and waste antifreeze were observed during this inspection.

Compliance requirements: Pay the permit invoice upon receipt from this Department.

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Compliance requirements: Complete and submit the application for an EPA ID # and submit a copy of the EPA ID # to this Department.

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Compliance requirements: Establish a Contingency Plan and complete the Certificate of Compliance attached to this report and mail back to this Department.

110, 111, 112. Failure to affix complete Hazardous Waste Labels to tanks/containers of hazardous waste - CCR 66262.34(f)(3), CCR 66262.34(f)(2). Containers were observed to be

NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

spected By: Gail A Obeso (Sign Name) — Received By: CERTIFIED MAIL (Sign Name) — Title: N/A

GAIL A. OBESO (Print Name) — N/A (Print Name) — Report Date: 1.6.2014

rm Revised 1/16/2007

SUPPLEMENTAL INSPECTION REPORT

ACILITY ID	FACILITY NAME: HHS CONSTRUCTION, INC	FACILITY LOCATION: 2042 S. GROVE AVENUE, ONTARIO, CA 91761	INSPECTION DATE: 12.19.2013
Consent Granted by: XInspect XPhotograph	NAME DAVE CURRY	TITLE DIRECTOR OF SAFETY	

either missing labels or labels were incomplete. Accumulation start dates were missing from the labels as well.

Compliance requirements: Attach completed Hazardous Waste labels to all waste storage containers. Include accumulation start dates and dispose of waste within the 180 day period.

118. Failure to inspect container storage area weekly – CCR 6626.174. No inspection program in place at the time of this visit.

Compliance requirements: conduct and document inspections. Submit copies of 3 weeks worth of inspections to this Department.

138. Failure to mange used oil filters lawfully – CCR 66266.130. 2 drums of used oil filters were stored without labels.

Compliance requirements: Attach completed labels to the drums and dispose of through appropriate channels.

201. Failure to obtain a Hazardous Materials Handler Permit – CC 23.0602(b)(3). A facility which handles hazardous materials is required to obtain a permit. No permit has been issued for this facility.

Compliance requirements: Pay the permit invoice upon receipt from this Department.

202, 203. Failure to establish and submit a Business Plan. All Plans are now required to be submitted electronically on the California Environmental Reporting System (CERS). No plans are on file in CERS or with this Department.

Compliance requirements: Submit a complete and accurate Business Plan on the CERS website. (Brochure left on site). Should you need assistance, you may call the CERS helpdesk at 909.386.8432.

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spected By: Gail A Obeso (Sign Name) GAIL A. OBESO (Print Name)

Received By: CERTIFIED MAIL (Sign Name) N/A (Print Name)

Title: N/A

Report Date: 1.6.2014

rm Revised 1/16/2007

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SUPPLEMENTAL INSPECTION REPORT

ACILITY ID	FACILITY NAME:	FACILITY LOCATION:	INSPECTION DATE: 12.19.2013
	HHS CONSTRUCTION, INC	2042 S. GROVE AVENUE, ONTARIO, CA 91761	
Consent Granted by: XInspect XPhotograph	NAME: DAVE CURRY	TITLE: DIRECTOR OF SAFETY	

Submit the completed Certificate of Compliance (CoC) provided along with all requested documentation to this Division within 30 days of receipt of this report. The CoC certifies that all violations have been corrected.

Contact Gail Obeso should you need additional assistance at gobeso@sbcfire.org or 909.386.8430.

X NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

spected By: Gail A Obeso (Sign Name) — Received By: CERTIFIED MAIL (Sign Name) — Title: N/A

GAIL A. OBESO (Print Name) — N/A (Print Name) — Report Date: 1.6.2014

rm Revised 1/16/2007

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CERTIFICATE OF COMPLIANCE

Return Certification within 30 Days of Receipt to Inspector Gail Obeso

In the Matter of Respondent: **Brett Johnson**

Violation(s) cited on: **12.19.2013** *FA #::* **TBD**

Facility Name: **HHS Construction, Inc.**

Site Address: **2042 S. Grove Avenue, Ontario, CA 91761**

Certificate of Compliance Date: **1.6.2014**

I certify under penalty of law that:

- *Respondent has corrected the violations specified in the above-entitled action.*
- *I have personally examined any documentation attached to this certification to establish that the violations have been corrected.*
- *Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.*
- *I am authorized to file this certification on behalf of the Respondent.*
- *I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.*

Signature	*Date*
Printed or Typed Name	*Title*

Attach the following documentation when returning the Certificate of Compliance:

EPA ID#

Copies of 3 weeks worth of waste storage area inspections

Documentation of CERS ID # and electronic Plan submittal

PHOTO NARRATIVE

PHOTO 1

PHOTO 2

Facility/Case Name:	**HAL HAYS CONSTRUCTION, INC**	Facility ID#: **FA 3677**
Address:	**32342 Dunlap Blvd, Yucaipa, CA 92339**	
Description #1	**Propane tanks in storage area and on equipment do not appear on inventory.**	
Description #2:	**Note the hydraulic oil reservoir. A diesel tank that is slightly larger is on the other side of the asphalt patch tank.**	
Date Taken: **2.18.14**		Taken By: **Gail Obeso**

Signature: Gail Obeso

Revised 02/27/03

PHOTO NARRATIVE

PHOTO 3

PHOTO 4

Facility/Case Name:	**HAL HAYS CONSTRUCTION, INC**	Facility ID#: **FA 3677**
Address:	**32342 Dunlap Blvd, Yucaipa, CA 92339**	
Description #3 **Tote containing approximately 35 gallons of an unknown substance. Container is unlabeled and not on inventory.**		
Description #4: **9 pallets of asphalt patch do not appear on inventory.**		
Date Taken: **2.18.14**	Taken By: **Gail Obeso**	

Signature: Gail Obeso

Revised 02/27/03

PHOTO NARRATIVE

PHOTO 5

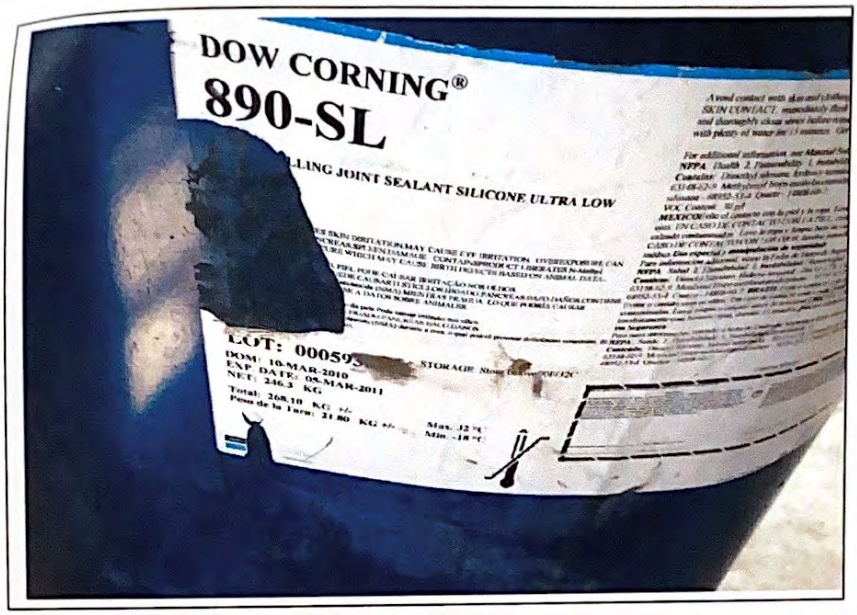

PHOTO 6

Facility/Case Name:	**HAL HAYS CONSTRUCTION, INC**	Facility ID#: **FA 3677**
Address:	**32342 Dunlap Blvd, Yucaipa, CA 92339**	
Description #5 **Several containers of this 890 SL were observed but do not appear on inventory.**		
Description #6: **Paint/paint related materials with punctured lids are stored in an old tank made into a storage shed.**		
Date Taken: **2.18.14**	Taken By: **Gail Obeso**	

Signature: Gail Obeso

Revised 02/27/03

SAN BERNARDINO COUNTY CUPA
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

EP: AP:2 AR:0.00

Cynthia Martinez
HHS CONSTRUCTION, INC.
2042 S. GROVE AVE
ONTARIO, CA 91761

This Unified Permit is hereby issued to:
HHS CONSTRUCTION, INC
2042 S GROVE AVE
ONTARIO, CA 91761

Permit is issued to Facility: FA0015264 for a period not to exceed one year from effective date.

Effective Date: 4/1/2015 **Expiration Date: 3/31/2016**

CUPA Facility Type: 5012-CUPA ANNUAL ADMIN PERMIT PROGRAM FEE-LEVEL 2

Permit Number	Program Element	Related ID
PT0026595	4243 HAZARDOUS MATERIALS 4-10 CHEMICALS	PR0035456
PT0026596	4453 SMALL QUANTITY GENERATOR	PR0035457

Permitted by:
San Bernardino County CUPA
620 South "E" Street
San Bernardino, CA 92415-0153
(909) 386-8401

Mike Horton, Fire Marshal

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT. THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

PT #:PERM
12-20962-638 Rev. 8/14

Printed on: 9:27:47AM 1/29/2015

SAN BERNARDINO COUNTY CUPA
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

EP: AP:2 AR:0.00

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SAN BERNARDINO COUNTY CUPA
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

EP: AP:3 AR:0.00

HHS CONSTRUCTION, INC
2042 S. GROVE AVE
ONTARIO, CA 91761

This Unified Permit is hereby issued to:
HHS CONSTRUCTION, INC
2042 S GROVE AVE
ONTARIO, CA 91761

Permit is issued to Facility: FA0015264 for a period not to exceed one year from effective date.

Effective Date: 4/1/2014 **Expiration Date: 3/31/2015**

Permit Number	Program Element	Related ID
PT0026595	4243 HAZARDOUS MATERIALS 4-10 CHEMICALS	PR0035456
PT0026596	4453 SMALL QUANTITY GENERATOR	PR0035457
PT0031892	5012 CUPA ANNUAL ADMIN PERMIT PROGRAM FEE-LEVEL 2	PR0040778

Permitted by:
San Bernardino County CUPA
620 South "E" Street
San Bernardino, CA 92415-0153
(909) 386-8401

Mike Horton, Fire Marshal

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT. THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

SCAQMD Facility Equipment List Report

Facility: 33836 GROVE LUMBER & BLDG SUPPLIES
Status: Out of Business
MR: 1302 SIC: Team: I
Last Inspection: 01/07/2011 On Hold: Suspended: TS: TS-12 Industrial Sources - Out of Business and Cha Quarter: 0100 - inspect in 2nd quarter, every year
Contact: THOMAS A. DAY (714) 9470277 RECLAIM: N TITLE V: N AIRS ID: Assignment: 1210674
Location Address: 2042 S GROVE AVE, ONTARIO 91761-5617 Sector:EE Inspector: HR01 HAROLD RANK
Mailing Address: 2042 S GROVE AVE, ONTARIO 91761-5617 Sector:EE Inspection Date: 01/07/2011
Instruction: Disposition: Out of Business

Application No.	Permit No.	Permit Issue Date	Permit Status	Equipment Category		BCAT/CCAT Description	Application Date	Application Status
V00403	907543	10/01/1982	INACTIVE	90	CCAT	AMINE (OR DEA) REGENERATION	01/01/1900	PERMIT TO OPERATE GRANTED
V00403	907543	10/01/1982	INACTIVE	248915	BCAT	SERV STAT STORAGE & DISPENSING GASOLINE	01/01/1900	PERMIT TO OPERATE GRANTED

Inspector: _____ Date: _____ Reviewed By: _____ Date: _____

CALIFORNIA Water Boards

State Water Resources Control Board

NOTICE OF INTENT

GENERAL PERMIT TO DISCHARGE STORM WATER
ASSOCIATED WITH INDUSTRIAL ACTIVITY (WQ ORDER No. 2014-0057-DWQ)
(Excluding Construction Activities)

GAVIN NEWSOM
GOVERNOR

JARED BLUMENFELD
SECRETARY FOR
ENVIRONMENTAL PROTECTION

WDID: 8 36I020048 Status: Terminated

Operator Information

Type:

Name: Grove Lumber & Hardware
Address: 2042 S Grove Ave
Address 2:
City/State/Zip: Ontario CA 91761
Federal Tax ID:

Contact Name: Raymond Croll
Title:
Phone Number: 909-947-0277
Email Address:

Facility Information

Level:

Contact Name: Raymond Croll
Site Name: Grove Lumber & Hardware
Address: 2042 S Grove Ave
City/State/Zip: Ontario CA 91761
County: San Bernardino
Latitude: 34.03683 Longitude: -117.62851

Title:
Site Phone #: 909-947-0277
Email Address:
Site Size: 5 Acres
Industrial Area Exposed to Storm Water:
Percent of Site Impervious (Including Rooftops): %

SIC Code Information

1. 2429 Special Product Sawmills, NEC
2.
3.

Additional Information

Receiving Water: West Cucamonga Channel
Flow: Directly
Storm Drain System:
Compliance Group:

RWQCB Jurisdiction: Region 8 - Santa Ana
Phone: 951-782-4130
Email: r8_stormwater@waterboards.ca.gov

Certification

Name:
Date:
Title:

HHS Construction
2042 South Grove Avenue
Ontario, CA 91762
CA OES Control 21-6884
WDID No. 8 36IN607220 - App ID: 544505

INSPECTED BY: Keith Elliott (Inland Storm Water RWQCB Staff)

INSPECTION DATE: December 7, 2021

INSPECTION START/END TIMES (HH24:MI): Time In 12:37 - Timeout 13:06

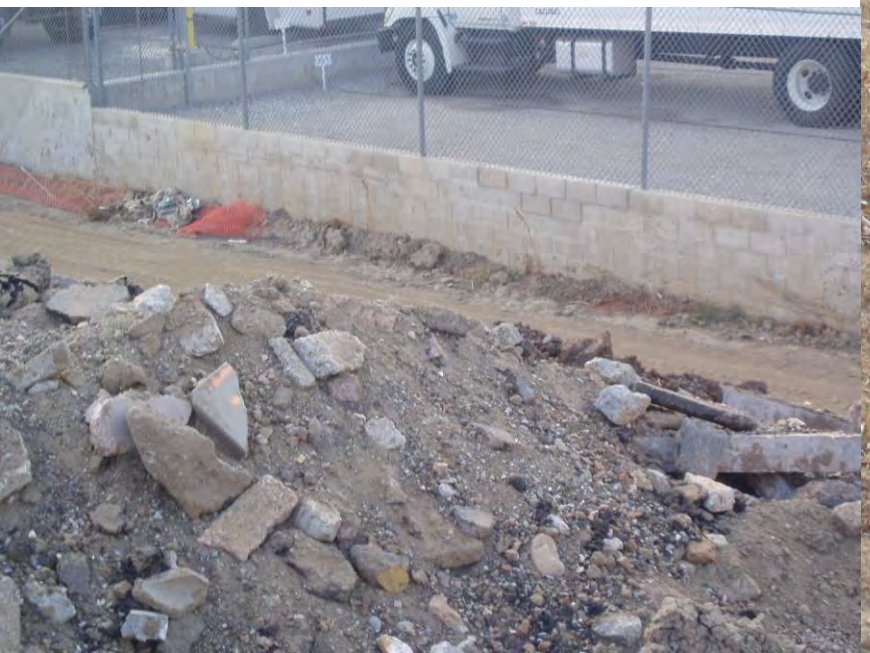
PURPOSE: Complaint - CA OES Control 21-6884

Contact: Dave Curry dcurry@hhsconstruction.net and Hector Alvarez.

Seepage and evaporation pit. No sheen observed.

Area where vacuum trucks discharge to Seepage and evaporation pit. No sheen observed.

Spoils stockpiles accumulated for disposal 3 or 4 times per year.



Santa Ana Regional Water Quality Control Board

INSPECTION REPORT

HHS Construction
2042 South Grove Avenue
Ontario, CA 91762
CA OES Control 21-6884
WDID No. 8 36IN607220 - App ID: 544505

INSPECTED BY: Keith Elliott (Inland Storm Water RWQCB Staff)

INSPECTION DATE: December 7, 2021

INSPECTION START/END TIMES (HH24:MI): Time In 1 2 : 3 7 - Timeout 13:06

PURPOSE: Complaint - CA OES Control 21-6884

Santa Ana Regional Water Quality Control Board (Santa Ana Water Board) staff interviewed Messrs. Dave Curry; dcurry@hhsconstruction.net and Hector Alvarez halvarez@hhsconstruction.net. Mr Alvarez gave consent and accompanied staff on the inspection. Staff was given the business card for Dan Scanlan (Sr VP Operations) dscanlan@hhsconstruction.net.

Dave indicated dirt, asphalt, and concrete spoils are placed in the staging area at the back of the lot from the removal of the first few inches or feet of asphalt or concrete from the streets where trenches are excavated to install fiber optic cables. These spoils are then transported to a facility that grinds the concrete and asphalt for reuse or disposed off site. The transport off-site is done three to four times per year.

Once the asphalt or concrete cap is removed from the street, then the trench is further excavated by water jets and the water from the trench is removed by Vacuum Trucks. This water is then transported back to the 2042 South Grove Avenue location where it is disposed by dumping it into a small pond in the staging area of the site. The sediment laden water in this pond then infiltrates and evaporates. Periodically the pond area is scraped to remove the settled sediment that has dried. The water used for this purpose originated from a fire hydrant located at the Grove Avenue site and transported to the construction site by water truck.

Staff was familiar with this construction process used near petroleum pipelines. Dave indicated that they do not work in areas of petroleum pipelines. They use this method to insure they do not hit any water or gas pipes in residential streets where they install the fiber optic cables.

Staff did observe some discoloration in the “pond” used to dispose of the wastewater jet water it did not have a sheen on it. This coloration may be from the different soil types from the different project sites.

The “pond” appears to have been constructed by building dirt berms at the back of the 2042 S. Grove Avenue lot to contain the water and prevent it from running off-site. No surface water

was observed leaving from this pond.

Staff wasn’t positive if any permits from the Water Board were required for this activity and would get back to Dan Scantan and Dave Curry if any permits were required. IGP coverage is not required for this site. The SIC for this activity is 1623 - Water, Sewer, Pipeline, and Communications and Power Line Construction.

ENVIRONMENTAL HEALTH SERVICES

385 North Arrowhead Avenue • San Bernardino, CA 92415-0160 • (714) 387-4646
320 East "D" Street • Ontario, CA 91764 • (714) 391-7570
15505 Civic Drive • Victorville, CA 92392 • (619) 243-8141
17830 Arrow Boulevard • Fontana, CA 92335 • (714) 829-6244
57407 Twentynine Palms Highway • Yucca Valley, CA 92284 • (619) 228-5410
San Bernardino County Vector Control Program
2355 East Fifth Street • San Bernardino, CA 92415-0064 • (714) 383-3200
Environmental Enforcement and Housing
172 West Third Street • San Bernardino, CA 92415-0315 • (714) 387-6512/6515

COUNTY OF SAN BERNARDINO
ENVIRONMENTAL
MANAGEMENT GROUP

PAMELLA BENNETT, R.E.H.S.
Director

Also serving the cities of

Adelanto	Montclair
Apple Valley	Needles
Barstow	Ontario
Big Bear Lake	Rancho Cucamonga
Chino	Redlands
Colton	Rialto
Fontana	San Bernardino
Grand Terrace	Twentynine Palms
Hesperia	Upland
Highland	Victorville
Loma Linda	Yucaipa

October 25, 1991

David Lovelady
Wells Fargo Bank

SUBJECT: UNDERGROUND STORAGE TANK REMOVAL AT 2042 S. GROVE, ONTARIO, CA

This Department has reviewed the test results submitted by Centrum Analytical laboratories for soil samples taken on August 1, 1991 at the above subject location. The results indicate that the amount of contamination in the excavation where the 2 tank(s) were removed is below that which is generally considered a hazard. Further investigation at this site is not warranted at this time.

It is important to note that this does not constitute a release of liability for any remaining contamination not yet detected. Should site conditions alter so as to reveal contamination, this Department may require further investigation and remedial action.

If you have any questions please call (714) 387-3080.

Marie H. Svoboda, R.E.H.S.
Hazardous Materials Field Services

MHS:vr

CENTRUM ANALYTICAL LABORATORIES

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: Warren Duncan Contracting
2148 Devore Rd.,
Devore, CA 92407

Date: 08/02/90
J.N.: 1706

Project: Grove Lumber, Ontario

Date Received: 08/01/90
Date Analyzed: 08/01/90
Samples Rcv'd: 2 Soil

==========

LABORATORY RESULTS

==========

METHOD: Modified 8015 (Total Volatile Petroleum Hydrocarbons)

MATRIX: Soil

CONCENTRATION: MG/KG (parts per million)

Sample No.	Gasoline
1S	ND

DETECTION LIMIT: .3

ND - Not Detected

Respectfully submitted,

CENTRUM ANALYTICAL LABORATORIES

Ida Wallace
Ida Wallace
Laboratory Supervisor

Michael A. Yartzoff
Michael A. Yartzoff
General Manager

290 TENNESSEE STREET • REDLANDS, CA 92373 • (714) 798-9336

CENTRUM ANALYTICAL LABORATORIES

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: Warren Duncan Contracting
2148 Devore Rd.,
Devore, CA 92407

Date: 08/02/90
J.N.: 1706

Project: Grove Lumber, Ontario

Date Received: 08/01/90
Date Analyzed: 08/01/90
Samples Rcv'd: 2 Soil

==========

LABORATORY RESULTS

==========

METHOD: Modified 8015 (Total Extractable Petroleum Hydrocarbons)

MATRIX: Soil

CONCENTRATION: MG/KG (parts per million)

Sample No.	Diesel
2N	ND

DETECTION LIMIT: 10

ND - Not Detected

Respectfully submitted,

CENTRUM ANALYTICAL LABORATORIES

Ida Wallace
Laboratory Supervisor

Michael A. Yartzoff
General Manager

County of San Bernardino
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 North Arrowhead Avenue, San Bernardino, CA 92415-0160 • (714) 387-3080

LOG # 073090-01 JOB CARD # 2490

CONSTRUCTION AND/OR REMOVAL OF UNDERGROUND STORAGE FACILITY

POST THIS CARD AT JOB SITE

Site Address GROVE LUMBER
2042 S. GROVE, ONTARIO

Contractor DUNCAN 880-8501
Address/Phone No. 2148 DEVORE RD., DEVORE

	Inspection Record	Approved By	Date
First Inspection	Excavation Clean, Approved Slope		
	Bedding Materials/Depth		
	Holiday Test, Tanks Set		
	Additional Requirements:		
	Do Not Backfill Until Above Approved		
Second Inspection	Tank Air Test 5 PSI/30 Minutes		
	Product Lines 75 PSI/30 Minutes		
	Product Line Containment		
	Metal Piping Wrapped		
	Additional Requirements:		
Final Inspection	Approved Fill Boxes		
	Concrete or AC Paving 12" Beyond Excavation		
	Leak Detectors/Monitors Installed/Operational		
	Lockable Fluid-Tight Access for Monitoring Points		
	Precision Test Results		
	Additional Requirements:		
	FINAL APPROVAL AND CURRENT OPERATING PERMITS MUST BE OBTAINED PRIOR TO PLACING THESE TANKS INTO SERVICE ($5,000.00 FINE FOR NONCOMPLIANCE)		
Tank Removal Inspection	Tank Removed X2 2x1000g	CaBeal	8/1/90
	Required Samples: 8020, 8015, 418.1		
	Additional Test Requirements:		
	Removals **Can Not** Be Finaled Until A Copy Of The Sample Results Have Been Received And Approved By This Department.		
	Final — Approved for Backfill		

Additional Requirements by Local Fire Authority:
waiting for sample results

Final Approved by Local Fire Authority:

Name: Title: Date:

FAILURE TO PROTECT AND MAINTAIN THIS CARD MAY RESULT IN JOB DELAY.
PRESERVE THIS RECORD OF INSPECTIONS.

FOR INSPECTION CALL 48 HOURS IN ADVANCE AT (714) 387-3080.

THIS PERMIT EXPIRES 6 MONTHS FROM DATE OF ISSUANCE

DISTRIBUTION: White — DEHS Copy
Yellow — APCD Copy
Green — Owner's Copy

14-16867-631 Rev. 7/89

Submit to:
San Bernardino County Department of Environmental Health Services
385 North Arrowhead Avenue, San Bernardino, CA 92415-0160

APPLICATION FOR REMOVAL OF UNDERGROUND STORAGE TANK

FEE:
$330.00 First Tank
$120.00 Each Additional Tank

Fire Agency _____
Number of Tanks this Application _____

JOB LOCATION

Facility Name or Contact Person: Grove Lumber — Phone No.: 947-0277
Situs Address: 2042 South Grove Ave
City: Ontario, Calif. — State: — Zip Code: 91761

OWNER

Name: Grove Lumber — Phone No.: SAME
Mailing Address: 2042 South Grove Ave
City: Ontario, Calif. — State: — Zip Code: 91761

CONTRACTOR

Name: Warren Duncan Contracting — Phone No.:
Mailing Address: 2148 Devore Rd Ave; City: Devore, State: Calif. Zip Code: 92407
Workman's Comp. No.: — Policy No.:

State Contractor's License No.: — Types: — Expiration Date:

Water Sewer Agency _____

NOTE: The State of California has determined that tanks used for the storage of any hazardous or flammable substance shall be considered hazardous even if all contents have been removed.

All storage tanks shall be hauled as hazardous waste, accompanied by a state hazardous waste manifest, and taken to a licensed treatment, storage and disposal facility (TSDF); or if the tanks are triple rinsed on site and the rinsate manifested and hauled to a licensed TSDF, the tank may be handled as nonhazardous.

For information on licensed TSDFs that can accept nonrinsed tanks, contact the State of California Department of Health Services, Toxic Substance Control at (800) 258-6942.

Warren Stuart Duncan — Print Name
(714) 880-8501 — Phone Number
Jaime Chastain for Stuart — Signature
7/30 — Date

– OFFICE USE ONLY –

Under Permit ☑ Yes ☐ No
Est. No. _____
No. of Tanks 2
Fees Current ☑ Yes ☐ No
Delinquent Amount _____
Expiration Date _____

Amount $450.00
Check No. 1447
Date Paid July 30, 1990
Taken By Lorraine
Log No. 073090-01
Job Card Issued No. 2490

03-17445-631 Rev. 3/90

SAN BERNARDINO COUNTY - DEHS
HAZARDOUS MATERIALS FIELD SERVICES PROGRAM
UNDERGROUND STORAGE TANK REMOVAL
INSPECTION FORM

Date: 8/1/90 Time: 11:00

Facility Name: GROVE LUMBER

Location: 2042 Grove ONT

Contractor: Duncan

	Quantity	Hauler	Method	Destination	PPM
Triple Rinsate:	475 gal			DeMenno Kardon	N/A
Tanks:	2	~~AMR~~		AMR	N/A
Contaminated soil:					

Manifest #: 89663984 Dry Ice Used (10-15 lb/1000 gal): 50 lbs total

	Tank#	Size	Material held	UL#	Appearance (sound, rusty, etc)
1.	1	1K	gas	H519897	
2.	2	1K	~~Fuel~~	H519894	
3.					
4.					
5.					

	Sample#	Date	Sample description (color/odor)	Location	Depth	Results
1.	1-S (gas)	8/1		~2ft below tank	(11ft down)	
2.	2-N (diesel)	8/1				
3.						
4.						
5.						

Taken By: Duncan Laboratory: Centrum

Container: glass Refrigeration: Yes Headspace: No

Splits: No Labels: Yes Seals:

Chain of custody: EPA Test #s Requested:

Gasoline: 8015, 8020, 7420 (Pb); Diesel: 418.1 or 8015

Solvents: 8010; Waste Oil: 418.1 + 7030 (Cd), 7190 (Cr), 7950 (Zn), 7420 (Pb), 7080 (As), 8080 (PCBs)

Inspectors: AQMD: _____

FIRE: yes

OTHER: _____

FORMS COMPLETED:	DATE COMPLETED:
1. Unauthorized Release Form	
2. Log Sheet (for site mitigations)	
3. Proposition 65 Report	
4. "Order to Investigate" Letter	
5. Adjustment to APBS	
6. SWEEPS (Forms A and B)	

SCAQMD REFERENCE # _____

1166 situation reported (describe in detail): _____

_____

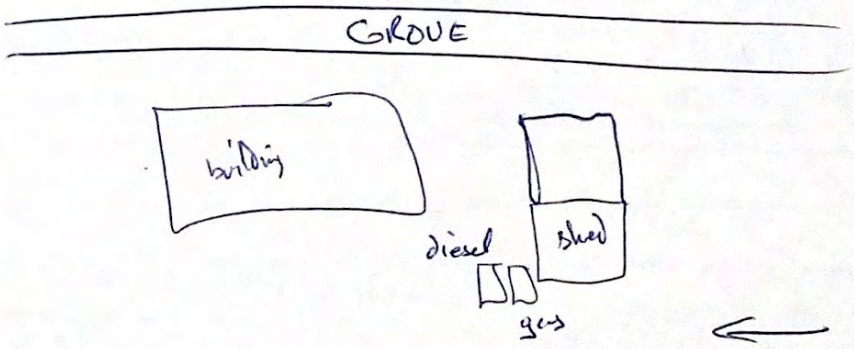
_____

Date	Time	Person Contacted

SCAQMD PHONE NUMBERS

(818) 572-6195 (800) 572-6306

MAP OF FACILITY (indicate where samples were taken)



G Beard
INSPECTOR

8/11/90
DATE

LOCAL AGENCY COPY

STATE OF CALIFORNIA — WATER RESOURCES CONTROL BOARD

FORM 'A':
SITE

UNDERGROUND STORAGE TANK PROGRAM
FACILITY/SITE, INFORMATION and/or PERMIT APPLICATION

COMPLETE THIS FORM FOR EACH FACILITY/SITE

NE 27672

MARK ONLY ONE ITEM							
	☑ 1 NEW PERMIT	☐ 3 RENEWAL PERMIT	☐ 5 CHANGE OF INFORMATION	☐ 7 PERMANENTLY CLOSED SITE
	☐ 2 INTERIM PERMIT	☐ 4 AMENDED PERMIT	☐ 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS — (MUST BE COMPLETED)

FACILITY/SITE NAME: Grove Lumber		CARE OF ADDRESS INFORMATION: James Jernigan	
ADDRESS: 2042 South Grove		NEAREST CROSS STREET	✓ Box to indicate ☐ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: Ontario, Calif.	STATE: CA	ZIP CODE: 91761	SITE PHONE #, WITH AREA CODE
TYPE OF BUSINESS: ☐ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☐ 5 OTHER	✓ Box if INDIAN RESERVATION or TRUST LANDS ☑	EPA ID #	# of TANK's AT THIS SITE
EMERGENCY CONTACT PERSON (PRIMARY)		**EMERGENCY CONTACT PERSON (SECONDARY)**	
DAYS: NAME (LAST, FIRST): James Jernigan	PHONE # WITH AREA CODE	DAYS: NAME (LAST, FIRST): 947-0277	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION & ADDRESS — (MUST BE COMPLETED)

NAME: Grove Lumber		CARE OF ADDRESS INFORMATION	
MAILING or STREET ADDRESS: 2042 South Grove		✓ Box to indicate ☐ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY	
CITY NAME: Ontario, Calif.	STATE: CA	ZIP CODE: 91761	PHONE #, WITH AREA CODE: 947-0277

III. TANK OWNER INFORMATION & ADDRESS — (MUST BE COMPLETED)

NAME: SAME AS ABOVE		CARE OF ADDRESS INFORMATION	
MAILING or STREET ADDRESS		✓ Box to indicate ☐ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY	
CITY NAME	STATE	ZIP CODE	PHONE #, WITH AREA CODE

IV. LEGAL NOTIFICATION AND BILLING ADDRESS

CHECK ONE (1) BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR BOTH LEGAL NOTIFICATION AND BILLING: I. ☐ II. ☐ III. ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
Grove Lumber	

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	# of TANKS at SITE

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE
PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

LOCATION CODE	CENSUS TRACT #	SUPERVISOR-DISTRICT CODE	BUSINESS PLAN FILED YES ☐ NO ☐	DATE FILED
CHECK #	PERMIT AMOUNT	SURCHARGE AMOUNT	FEE CODE	RECEIPT #	BY:

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE TANK PERMIT FORM 'B' APPLICATION(S), UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

FORM A (3-2-88)

LOCAL AGENCY COPY

STATE OF CALIFORNIA — WATER RESOURCES CONTROL BOARD

FORM 'B': TANK

UNDERGROUND STORAGE TANK PROGRAM
TANK PERMIT APPLICATION INFORMATION

COMPLETE A SEPARATE FORM WITH THE FOLLOWING INFORMATION FOR EACH TANK.

MARK ONLY ONE ITEM				
☑ 1 NEW PERMIT	☐ 3 RENEWAL PERMIT	☐ 5 CHANGE OF INFORMATION	☐ 7 PERMANENTLY CLOSED TANK
☐ 2 INTERIM PERMIT	☐ 4 AMENDED PERMIT	☐ 6 TEMPORARY TANK CLOSURE	☐ 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: Grove Lumber — FARM TANK - YES ☐ NO ☐

No. 11223

I. TANK DESCRIPTION — COMPLETE ALL ITEMS - IF UNKNOWN — SO SPECIFY

A. OWNERS TANK ID #	B. MANUFACTURED BY:
C. YEAR INSTALLED	D. TANK CAPACITY IN GALLONS:

II. TANK CONTENTS — IF (A.1), IS MARKED, COMPLETE ITEM C. IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

A.	B.	C.
☐ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM	☐ 1 PRODUCT	☐ 1 UNLEADED ☑ 2 LEADED ☑ 3 DIESEL
☐ 3 CHEMICAL PRODUCT ☐ 4 OIL	☐ 2 WASTE	☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS
☐ 5 HAZARDOUS ☐ 80 EMPTY ☐ 95 UNKNOWN		☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D, BELOW)

D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S. # — C.A.S. #:

III. TANK CONSTRUCTION — MARK ONE ITEM ONLY IN BOX A, B, C, & D

A. TYPE OF SYSTEM	☐ 1 DOUBLE WALLED	☐ 3 SINGLE WALLED WITH EXTERIOR LINER	☐ 95 UNKNOWN	
	☑ 2 SINGLE WALLED	☐ 4 SECONDARY CONTAINMENT	☐ 99 OTHER ____	
B. TANK MATERIAL	☑ 1 STEEL/IRON	☐ 2 STAINLESS STEEL	☐ 3 FIBERGLASS	☐ 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
	☐ 5 CONCRETE	☐ 6 POLYVINYL CHLORIDE	☐ 7 ALUMINUM	☐ 8 100% METHANOL COMPATIBLE FRP
	☐ 9 BRONZE	☐ 10 GALVANIZED STEEL	☐ 95 UNKNOWN	☐ 99 OTHER ____
C. INTERIOR LINING	☐ 1 RUBBER LINED	☐ 2 ALKYD LINING	☐ 3 EPOXY LINING	☐ 4 PHENOLIC LINING
	☐ 5 GLASS LINING	☐ 6 UNLINED		☐ 95 UNKNOWN
	☐ IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?	☐ YES ☐ NO		☐ 99 OTHER U/K
D. CORROSION PROTECTION	☐ 1 POLYETHLENE WRAP	☐ 2 TAR OR ASPHALT	☐ 3 VINYL WRAP	☐ 4 FIBERGLASS REINFORCED PLASTIC
	☐ 5 CATHODIC PROTECTION	☐ 91 NONE	☐ 95 UNKNOWN	☐ 99 OTHER U/K

IV. PIPING INFORMATION — CIRCLE **A** IF ABOVE GROUND, **U** IF UNDERGROUND, **BOTH IF APPLICABLE**

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER U/K
B. CONSTRUCTION	A U 1 SINGLE WALLED	A U 2 DOUBLE WALLED	A U 3 LINED TRENCH	A U 95 UNKNOWN — A U 99 OTHER
C. MATERIAL	A U 1 STEEL/IRON	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL CLAD W/FRP	A U 8 100% METHANOL COMPATIBLE FRP
	A U 9 GALVANIZED STEEL	A U 95 UNKNOWN	A U 99 OTHER ____	

V. LEAK DETECTION SYSTEM — CIRCLE **P** FOR PRIMARY, OR **S** FOR SECONDARY, **A PRIMARY LEAK DETECTION SYSTEM MUST BE CIRCLED.**

P S 1 VISUAL CHECK — P S 2 INVENTORY RECONCILIATION — P S 3 VADOSE WELLS — P S 4 ELECTRONIC MONITOR — P S 5 GROUND WATER MONITORING WELLS
P S 6 PRECISION TESTING — P S 7 PRESSURE TESTING — P S 91 NONE — P S 95 UNKNOWN — P S 99 OTHER ____

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED (MO/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL?
U/K	U/K	U/K ☐ YES ☐ NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
Warren Duncan / Jaime Chastain	7/20

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	TANK ID #

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

CHECK #	PERMIT AMOUNT	SURCHARGE AMT.	FEE CODE	RECEIPT #	BY:

FORM B (3-7-88) **THIS FORM MUST BE ACCOMPANIED BY A FACILITY/SITE APPLICATION, FORM 'A', UNLESS A CURRENT FORM 'A' HAS BEEN FILED**

City of Ontario
Building Department

Telephone: (909) 395-2023
Inspectors' Direct Line: (909) 395-2362
Inspection Requests **ONLY**: (909) 395-2361
Fax No.: (909) 395-2180

POST this in a conspicuous place on the job.

B200000674

You must furnish PERMIT NUMBER and JOB ADDRESS for each respective inspection.
Approved plans must be on job site at all times.

OTHER DEPARTMENT RELEASES:

Department Approval required prior to the building being released by the City.

Department	Phone No.	Date	Inspector
Engineering	395-2025		
Fire	395-2029		
Public Facilities	395-2169		
Planning	395-2036		
Police	395-2161		

BUILDING APPROVALS		
Setback & Footing		
Steel		
Slab Grade		
Floor Joists		
Floor Sheathing		
Roof Framing		
Roof Sheathing		
Shear Wall & Pre-Lath		
Shear Wall Interior		
Framing & Flashing		
Insulation		
Drywall Nailing		
Lathing & Siding		
T-Bar		
Final		

ELECTRICAL APPROVALS		
Temp. Power Pole		
Conduit Underground		
Rough Electric		
Rough Elecric – T-Bar		
SRV's Ground & Bond		
Final Signs (3)	J Begna	1-10-01

BLOCKWALL APPROVALS		
Setback & Footing		
Bond Beam & Vertical Steel		
Final		

WALL PANEL APPROVALS		
Panels		
Pour Strip		
Final		

PLUMBING APPROVALS		
Ground		
Water Piping		
On-Site Sewer		
Rough Plumbing		
Gas Pipe-Test		
Roof Drains		
Final		

MECHANICAL APPROVALS		
Underground Ducts		
Rough Mechanical		
Ducts, Ventilating		
Grills & Hoods		
Final		

POOL & SPA APPROVALS		
Dep. Inspector		
Pool Steel Rein/Forms		
Pool Plumbing/Press Test		
Pre-Gunite		
Rough Pool Electric		
Gas Piping/Test		
Pool Fencing/Access		
Pre-Plaster		
Final – Pool/Spa		

ENCROACHMENT PERMIT		
Clearance		

FIRE SPRINKLER APPROVALS		
Rough		
Final		

NOTES: 1-10-01 – Sign work complete. Unscheduled inspection
NO INSPECTION ON Record. -TB

CITY OF ONTARIO
CITY HALL ONTARIO, CALIFORNIA 91764 AREA CODE 714 986-1151

June 9, 1988

To Whom It May Concern

TEMPORARY CERTIFICATE OF OCCUPANCY

RE: 2042 S. Grove
Ontario, California

OWNER: Grove Lumber Company
2042 S. Grove Avenue
Ontario, California

BUILDING PERMIT NO: 66154
ISSUED ON: 1-28-88

Gentlemen:

You are notified that this property and its permitted improvements are released for temporary occupancy. Issuance of final certificate of occupancy is subject to final inspection by Planning Department for compliance with approved plans and applicable city building codes, zoning ordinances and special conditions as required by various city commissions and boards.

A final certificate of occupancy will be issued when clearance from the Planning Department has been recieved.

Sincerely,

Kenneth Gilman
Building Official

KG/gg

Grove Properties

Faron Van Dissel
Project Manager

cc.

DEVELOPMENT

2042 S. Grove Avenue • Ontario, CA 91761 • (714) 947-0277

June 10, 1988

TO: Kenneth N. Gilman, C.B.O.
City of Ontario
303 East "B" Street
Ontario, Ca. 91764

FROM: Grove Lumber and Building Supplies
2042 South Grove Avenue
Ontario, Ca. 91761

RE: DAB 3422-S

Dear Kenneth N. Gilman,

As per our conversation, June 9, 1988, and at your request, this letter is to acknowledge that Grove Lumber will complete the on-site improvement for 3422-S. The requirement yet to be fulfilled is the installation of tennis windscreen on the north side of the property. Grove Lumber will need five weeks for completion due to the availability of materials. Grove Lumber will notify you upon completion for your approval. If you have any questions, please contact Faron Van Dissel or myself.

Sincerely,

Thomas A. Day
Owner / Grove Lumber and Building Supplies

TD/fv

2042 S Grove

TRACT # _____

LOT # _____

CITY OF ONTARIO-BUILDING DEPARTMENT

303 EAST "B" STREET ONTARIO, CA 91764 TEL. (909) 391-2546

PLAN NO: _____

APN _____

PC # C-99-19 VAR # _____ DAB/FILE # _____

BUILDING ADDRESS 2042 S. Grove

OWNER Tom Day

MAILING ADDRESS 2042 S. Grove Ave.

CITY Ontario ZIP 91761 PH 909-947-027?

CONTRACTOR _____

ADDRESS _____ ZIP _____ TEL. _____

STATE LIC. & CLASSIF. _____ CITY LIC. NO. _____

ARCH., ENGR., DESIGNER _____

ADDRESS _____ TEL. _____

CITY _____ ZIP _____ STATE LIC. NO. _____

INTENDED PERMIT USE Storage Area

SQ. FT. SIZE 4,500. NO. STORIES _____ NO. DW. UNITS _____

SCANNED

LICENSED CONTRACTORS DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class _____ License No. _____

Expiration Date _____ Contractor Signature _____

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors License Law for the following reason (Sec. 7031.5, Business and Proffessions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law Chapter 9 (commencing with Sectin 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).:

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law.).

☐ I am exempt under Sec. _____ Business and Professions Code for this reason:

Date _____ Owner _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier _____ Expiration Date _____

Policy Number _____

☐ (This section need not be completed if the permit is for one hundred dollars [$100] or less)
I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: _____ Applicant: _____

WARNING: FAILURE TO SECURE WORKERS; COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

The California Health and Safety Code requires a Division of Industrial Safety Permit as a prerequisite to permit issuance unless the applicant signs one of the certificates below.

☐ I certify that no excavation 5 feet or more feet in depth, into which a person is required to descend, will be made in connection with work authorized by this permit, and that no building, structure, scaffolding, falsework, or demolition or dismantling thereof, will be more than 36 feet high.

☐ As owner/builder I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above unless such person ha a permit form that division.

Division of Industrial Safety Permit Number _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

X _____ Signature of Applicant or Agent — Date 5/20/99

DEPARTMENT USE ONLY

Zone _____

Minimum Setback Distances

_____ Front Setback from Center Line _____ R/W _____

_____ Rear Setback from Rear Property Line

_____ Side Setback/Corner Cutback _____ R/W _____

_____ Side Setback from Property Line

_____ Side Setback from Property Line

NOTE: _____

VALIDATION

When properly validated in this space, this form constitutes a permit to do the work described herein. This permit will expire if work is not started within 180 days, or if work is abandoned for more than 180 days.

OCC./TYPE CONST.	SIZE (SQ. FT.)	VAL (SQ. FT.)	VALUATION
Storage	4,500.	25.00	112,500

Plan Check only

TOTAL VALUATION 112,500,

BUILDING PERMIT FEES

PERMIT @ 947.25	1000		
PLAN CHECK BLDG. DEPT.	1001	615	71
PARK & REC. FEE SFR	1003		
PARK & REC. FEE MFR	1004		
EARTHQUAKE FEE RES.	1005		
EARTHQUAKE FEE COMM. 23.63	1006		
SEWER CAPITAL ASSESSMENT FEE	1007		
PLAN CHECK EXPEDITING FEE	1680		
MICROFILMING	1670	3	00
MISC.			
TOTAL		618	71

PLUMBING FEES

BATHTUBS / SHOWERS		URINALS	
WATER CLOSETS		INTERCEPTORS	
LAVATORIES / SINKS		DRAINS	
TOTAL FIXTURES _____ @$ _____			
WATER HEATERS/POOL • SPA HEATER			
WATER ☐ GAS ☐ PIPING			
PERMIT FEES @			
TOTAL PLUMBING FEES	ACCT. 1100		
HOUSE SEWER @ / SEP. PIT / SEPTIC TANK			
PERMIT FEES @			
TOTAL HOUSE SEWER & SANITATION FEES	ACCT. 1200		

ELECTRICAL FEES

OCC. GROUP @ ¢			
SWITCHES, RECEPTACLES @			
LIGHTING FIXTURES @			
SERVICE @			
NO. MOTORS @			
PERMIT FEES @			
TOTAL ELECTRICAL FEES	ACCT. 1300		

MECH. FEES

HEATING M/BTU			
A/C M/BTU			
PERMIT FEE @			
TOTAL MECHANICAL FEES	ACCT. 1400		

GRADE FEES

CUBIC YARDS			
TOTAL GRADING FEES	ACCT. 1500		
SEWER ASSESSMENT FEES PAID	YES	NO	
AVIGATION AGREEMENT REQUIRED	YES	NO	

PAYOR: CONTR OWNER

TOTAL ALL FEES (PAY THIS AMOUNT) $618.71

PERMIT NO. PC only DATE 5/ /99

APPLICATION ONLY

BUILDING DEPARTMENT COPY

INSPECTION RECORD

2042 Grow

TYPE OF INSPECTION	DATE	INSPECTOR
SETBACKS		
FOOTINGS/FORMS/STEEL/UFER		
U. GRND PLUMBING		
U. GRND ELECT.		
SLAB GRADE		
SHEAR PANELS EXTERIOR		
SHEAR PANELS INTERIOR		
ROOF SHEATHING		
ROUGH ELECTRIC		
ROUGH PLUMBING		
ROUGH MECHANICAL		
FLOOR FRAMING		
FLOOR SHEATHING		
ROOF COVERING		
ROUGH FRAMING		
CONCRETE PANELS		
CONNECTIONS POUR STRIP		
ENERGY CONSERVATION		
MASONRY BOND BEAM		
LATH-EXTERIOR		
DRY WALL NAIL		
SUSPENDED CEILING		
GAS TEST		
POOL STEEL/BOND/LINER		
SPA PLBG./SPA HTG.		
POOL FENCE OK TO PLASTER		
ROOF DRAINS		
WATER SERVICE		
SEWER		
STORM DRAIN		
COMPACTION REPORT		
ROUGH GRADING		
FINAL GRADING		
FINAL PLUMBING		
FINAL ELECTRIC		
ELECTRIC SRV'S GRD & BOND		
FINAL MECHANICAL		
FINAL BUILDING		
FINAL POOL/SPA		
EDISON CO. CALLED		
GAS CO. CALLED		
OTHER DEPARTMENT REQUIREMENTS		
PLANNING		
ENGINEERING		
POLICE		
FIRE		
PUBLIC FACILITIES		
PUBLIC SERVICES		
TEMP. CO. ISSUED		
C.O. ISSUED		

INSPECTOR'S NAME _____ INITIAL _____

REMARKS

SEWER DIAGRAM

Address: 2042 S GROVE AV ONTA

Permit No. **B200000674**

City of Ontario Building Department

Owner	Contractor	Designer
DAY,THOMAS 2042 S GROVE AVE ONTARIO CA 91761	YOUNG ELECTRIC SIGN CO. 1443 S. CUCAMONGA AVE. ONTARIO, CA. 91761 923-7668 Lic #: 250739 C45	Lic #:

Date: 03-01-2000 Val:$5,000.00
Trct: APN: 1050491[illegible]
Sq.Ft.: 0 Avig: N
Units: 0 Lot: 0
Stories: 0 Block:
Occ: Const:
DAB #: 0 Var: 0

Intended Permit Use: SIGN
Description / Comments:
INSTALL MONUMENT SIGN. REFACE 3 EXISTING SIGNS

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License # 250739 Lic. Class C45 Exp. Date 11-30-00

City Lic. # 244261 Expires 12-31-00

Date 3-1-00 Signature of Contractor [signature]

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business an Professions Code).

Date_____ Signature of Owner_____

WORKER'S COMPENSATION DECLARATION

I hereby affirm under Penalty of Perjury one of the following:

( ) I have and will maintain a Certificate of Consent of self-insure for worker's compensation.

(✓) I have and will maintain Worker's Compensation Insurance.

Policy No. DWP80P33886 Carrier: Fidemos Fund

( ) I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to Worker's Compensation Laws of California.

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provision of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

[signature] 3-1-00
Signature of Owner or Agent Date

Electrical		Plumbing		Mechanical		Fees	
Temp Power Service	(0)	Fixtures/Vents	(0)	Furance To 100M BTU	(0)	Issuance Fee	$0.00
Temp Dist Sys	(0)	Repair Vent/Drain	(0)	Furance Ovr 100M BTU	(0)	Building Fee	$111.25
Outlet/Switch 1-20	(0)	Building Sewer	(0)	Floor Furance	(0)	Electrical Fee	$48.10
Outlet/Switch >20	(0)	Cesspool	(0)	Unit/Wall Heater	(0)	Plumbing Fee	$0.00
Light Fix 1-20	(0)	Priv Sewage Sys	(0)	Boiler To 100M BTU	(0)	Mechanical Fee	$0.00
Light Fix >20	(0)	Ind. Waste Intercept	(0)	Boiler 101-500M BTU	(0)	Grading Fee	$0.00
Platform/Thea	(0)	Rainwater Sys.	(0)	Boiler 501-1000M BTU	(0)	Inspection Fee	$0.00
Res App	(0)	New/Repair Water Pipe	(0)	Boiler 1001-1750M BTU	(0)	Plan Review Fee	$72.31
Non-Res App	(0)	Water Heaters	(0)	Boiler +1750M BTU	(0)	Parks & Rec SFD	$0.00
Power to 1HP	(0)	Gas Outlets	(0)	AH to 10K CFM	(0)	Parks & Rec MFD	$0.00
Power >1-10HP	(0)	Gas Outlets >5	(0)	AH Ovr 10K CFM	(0)	Sewer Assmnt SFD	$0.00
Power > 10-50HP	(0)	Lawn Spr Sys.	(0)	Evap Cooler	(0)	Sewer Assmnt COM	$0.00
Power >50-100HP	(0)	Atm. Bckflw/Vac 1-5	(0)	Vent Fan	(0)	Fire Facilities Fee	$0.00
Power >100HP	(0)	Atms. Bckflw/Vac. >5	(0)	Vent Systetm	(0)	Dust Control Fee	$0.00
Pri Swim Pool	(0)	Bckflw Device to 2"	(0)	Hood	(0)	S.M.I.P Fee	$1.05
Carvl/Circus Gen	(0)	Bckflw Device >2"	(0)	Equip Repair/Alter	(0)	Investigation Fee	$0.00
Display/Lighting/Etc:	(0)	Public Pools	(0)	Appl Vents	(0)	Microfilm-Permit Fee	$3.00
Busway Length (Feet)	(0)	Public Spas	(0)	Domestic Inc	(0)	Microfilm-Plans Fee	$0.00
Service to 200 Amps	(0)	Misc.	(0)	Comm/Indust Inc	(0)	Xerox Copies Fee	$0.00
Service 201-1000 Amps	(0)	Misc. Appl/Equip	(0)			Refund Amount	$0.00
Service Over 600 Volts	(0)						
Misc. Equip	(0)						
Signs	(1)						
Addl. Sign Circ	(0)						

Total Fees	$235.71
Total Payments (-)	$235.71
Balance Due	**$0.00**

DTSC.03870.1480

SEP 01 2016

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: CAL000406821
2. Page 1 of: 1
3. Emergency Response Phone: (760) 684-0999
4. Manifest Tracking Number: 015570657 JJK

5. Generator's Name and Mailing Address: HHS Construction, 2042 S. Grove Ave Ontario, CA 91761

Generator's Phone: 909 841-3609

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Desert Environmental Services Inc. — U.S. EPA ID Number: CAR000074542

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Veolia Technical Solutions, 1704 W. First, Azusa, CA 91702 — U.S. EPA ID Number: CAD008302903

Facility's Phone: (800) 395-6726

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	
X	1. UN1993"RQ" Waste Flammable Liquids,NOS (gasoline/diesel)3,PG II	001	DF	50	G	D001	331
	2.						
	3.						
	4.						

14. Special Handling Instructions and Additional Information

A) 332826 (1 x55DM) erg #128

027991

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: X Chet Durrillo — Signature: [signature] — Month 8 Day 26 Year 16

INT'L 16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter signature (for exports only):

TRANSPORTER 17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Fernando Nieves — Signature: [signature] — Month 8 Day 26 Year 16

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

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H061 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: Ernestina Sanchez — Signature: E. Sanchez — Month 8 Day 31 Year 16

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

DTSC. 04057. 2240

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

JAN 20 2016

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAL000406821 1	(760)	684-0999	015570707 JJK

GENERATOR

5. Generator's Name and Mailing Address: HHS Construction, 2042 S. Grove Ave Ontario, CA 91761, 909 841-3609

Generator's Site Address (if different than mailing address):

Generator's Phone:

6. Transporter 1 Company Name: Desert Environmental Services Inc.

U.S. EPA ID Number: CAR000074542

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Veolia Technical Solutions, 1704 W. First, Azusa, CA 91702, (800) 395-6726

U.S. EPA ID Number: CAD008302903

Facility's Phone:

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
X	1. UN1993"RQ" Waste Flammable Liquids,NOS (gasoline/diesel)3,PG II	001	DM	50	G	331 D001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

A) [redacted] (1 x55DM) erg #128

27991

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: Micah Radnich — Signature: [signature] — Month 1 Day 12 Year 17

INT'L

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: Fernando Nieves — Signature: [signature] — Month 1 Day 12 Year 17

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

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040			

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: Debra A Urrea — Signature: [signature] — Month 01 Day 19 Year 17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

17 JAN 19 AM 9:00

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: CAL000406821
2. Page 1 of
3. Emergency Response Phone: (760) 985-8646
4. Manifest Tracking Number: 017840046 JJK

5. Generator's Name and Mailing Address
HHS Constuction
2042 S. Grove Ave. Ontario, Ca 91761
Generator's Phone: 909 841-3609

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Desert Environmental Services Inc.
U.S. EPA ID Number: CAR000074542

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: ~~Industrial Waste Utilization~~
AA Sydcol,LLC.
2264 E. 13th St. Yuma, AZ. 85365
Facility's Phone: (928) 783-3676
U.S. EPA ID Number: ~~CAD980585293~~ AZR000520304

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. (Latex Paint) Non RCRA Hazardous Waste Liquids	001	CF	400	P	291
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) L39671-CP (1 x CF)

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: x Jon Pointer
Signature: x Jon Pointer
Month 1 Day 30 Year 19

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jeff Watson
Signature:
Month 1 Day 30 Year 19
Transporter 2 Printed/Typed Name:
Signature:
Month 1 Day 30 Year 19

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

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 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: OB Tapia
Signature:
Month 2 Day 1 Year 19

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPENDIX I

Previous Environmental Investigation Reports

Phase II Investigation Report

2042 South Grove Avenue
Ontario, California

December 14, 2022

Prepared for:

First Industrial Realty Trust, Inc., First Industrial, L.P.

Prepared by:

Roux Associates, Inc.
5150 E. Pacific Coast Highway, Suite 450
Long Beach, California, 90804

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Environmental Consulting
& Management
+1.800.322.ROUX
rouxinc.com

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1. Introduction

Roux Associates, Inc. (Roux) has prepared this *Phase II Subsurface Investigation Report* (Phase II Report) for First Industrial Realty Trust, Inc., First Industrial, L.P., First Industrial Acquisitions II, LLC and their affiliates and assigns (Client), to summarize the findings of a Phase II Subsurface Investigation (Phase II) conducted at 2042 South Grove Avenue, Ontario, California (Subject Property; Figure 1). The Subject Property, identified by Assessor Parcel Number 105-049-111, is currently developed with two buildings occupied by HHS Construction, a telecommunications company that installs telecommunication utilities above- and below-ground, which require excavation and trenching for installation of fiber optic cables (Figure 2). The Phase II was conducted to assess the following findings identified during a Phase I Environmental Site Assessment (ESA) concurrently prepared by Roux (Roux, 2022a), as well as to investigate shallow soil in preparation for future Subject Property development.

- **Staged Material Originating Off-Site.** During the site reconnaissance of the Subject Property, a construction materials staging area was observed in the exterior western lot ("staging area"). According to Mr. Hector Alvarez, the yard manager, construction materials, including dirt, asphalt, and concrete, are generated from trenching and excavation activities during the installation of fiber optic cables off-site. In addition, based on the records of an inspection by the Santa Ana Regional Water Quality Control Board (SA RWQCB) in December 2021, waterjets were also used during trenching and excavation activities. The water used for this purpose was obtained from a fire hydrant on the Subject Property and transported to construction sites by water truck. Vacuum trucks were used to contain the water from the excavations, which was then transferred to a small, temporary pond on the Subject Property, constructed using earthen berms within the staging area, where the water infiltrated and evaporated. According to the SA RWQCB inspection report, an industrial general permit is not required for the Subject Property, and no sheen or other suspect conditions were observed. Considering the trenching and excavation activities take place at various locations around the Los Angeles area, including commercial and industrial properties, the condition of off-site construction material and wastewater is unknown.

- **Historical Agricultural Use.** According to historical sources, the Subject Property was used for agricultural purposes as an orchard as early as 1946 through 1966. It is unknown if agricultural chemicals, such as pesticides, herbicides and fertilizers, have impacted soil on the Subject Property.

- **Former Gasoline and Diesel USTs.** According to records from the San Bernardino County Fire Department (SBCFD), a permit application was submitted for the installation of one 1,000-gallon gasoline UST and one 1,000-gallon diesel UST at the Subject Property. A permit application to remove the two USTs was submitted on July 30, 1990. Following UST removal in August 1990, one soil confirmation sample was collected approximately 2 feet beneath each UST. The sample collected beneath the gasoline UST was analyzed for gasoline, and the sample collected beneath the diesel UST was analyzed for diesel. Soil confirmation results reported concentrations below laboratory reporting limits (<0.3 milligrams per kilogram (mg/kg) for gasoline, <10 mg/kg for diesel). The SBCFD issued a no further action (NFA) letter on October 25, 1991. Although no release or impacts were identified, Roux notes that the current SBCFD UST removal standards require a minimum of two samples collected beneath each UST, and confirmation samples must be analyzed for the stored material and its breakdown or transformation products (SBCFD HMD, 2012).

- **Potential for Vapor Intrusion.** The northeastern General Electric Co – Jet Engine Test Cell Facility, located at 2264 East Avion Street (located approximately 1.82 miles northeast of the Subject Property) is an open – verification monitoring case as of February 5, 2010. According to the GeoTracker case (SL208133868), the facility has operated as an aircraft engine facility since 1965. Subsurface investigations have identified volatile organic compounds (VOCs), specifically trichloroethene (TCE) as the primary chemical of potential concern (COPC). Remedial efforts include

a soil vapor extraction (SVE) system with a total of 23 SVE wells from 1996 through 2005 and groundwater monitoring since 1991. Based on the Fourth Quarter 2021 Groundwater Monitoring Report, dated January 24, 2022, the nearest groundwater monitoring well (OW-11) is located approximately 300 feet southeast of the eastern boundary of the Subject Property. The OW-11 groundwater monitoring well was installed in the intermediate zone with a screen depth of 323.50 to 333.40 feet bgs and has a TCE concentration of 2.2 micrograms per liter (µg/L; Wood, 2022), below the maximum contaminant level (MCL) of 5 µg/L. It is noted that no evidence has been identified indicating that current or historical operations at the Subject Property have contributed to the regional groundwater contamination plume. However, it is unknown if the presence of VOCs in groundwater in close proximity to the Subject Property and possible lateral and vertical migration pose a potential vapor intrusion concern.

The Phase II investigation was conducted to evaluate the condition of the Subject Property relative to intended commercial/industrial use, which is being contemplated by Client.

1.1 Objectives

Based on the above findings identified during preparation of the concurrent Phase I ESA, and the planned development activities at the Subject Property, the Phase II had the following objectives:

1. Establish baseline conditions at the Subject Property and investigate shallow soil to inform potential future earthwork activities; and
2. Investigate the above findings identified during the concurrent Phase I ESA to evaluate whether they constitute a REC or not.

1.2 Scope of Work

To accomplish these objectives, soil and soil vapor samples were collected at the Subject Property. Refer to Figure 2 for sample locations.

The scope of work for Phase II activities included:

- Pre-field activities including:
- Preparation of a Site-specific Health and Safety Plan (HASP);
- Notification of Underground Service Alert of Southern California at least 2 working days before fieldwork began;
- Conducting a geophysical survey with a private geophysical services and utility locating company to evaluate the proposed boring locations for buried utility lines.
- Field activities including:
- Advancement of 10 soil borings (B-1 through B-10) via hand auger and direct push drill rig to depths ranging between 5 and 25 feet below ground surface (bgs);
- Installation and sampling of two soil vapor probes at seven locations at depths ranging between 5 and 20 feet bgs; and
- Containment of soil cuttings in Department of Transportation (DOT) approved drums, profiling and arrangement for disposal of the drums off-site at an appropriate facility.

1.3 Report Organization

The remaining sections of this Phase II Report are organized as follows:

- Section 2.0 presents Subject Property Background information, including Subject Property description, Subject Property history, geology and hydrogeology;
- Section 3.0 describes the Phase II Subsurface Investigation activities;
- Section 4.0 provides a summary of results;
- Section 5.0 provides a summary of a Limited Human Health Risk Assessment;
- Section 6.0 provides a discussion of the results and presents the summary of conclusions;
- Section 7.0 provides the Report closing; and
- Section 8.0 provides a list of references used in this Phase II Report.

2. Subject Property Background

2.1 Subject Property Description and Historical Use

The Subject Property consists of a 4.2-acre parcel located in the City of Ontario, San Bernardino County, California (Figures 1 and 2). Based on a review of available resources, the Subject Property was undeveloped prior to 1933. By 1933, the Subject Property had been developed with a single residential structure. By 1946, the remainder of the Subject Property had been cultivated for agricultural purposes (orchards) along with the surrounding properties. The Subject Property remained agricultural until 1966. According to the GTE General Telephone Company of California, the Subject Property was occupied by "GROVE LUMBER/BUILDING" and "SUPERIOR CONSTRUCTION" and operated as a lumberyard (storage, no processing) in 1985. This was confirmed by Mr. Hector Alvarez, the current yard manager, during the site reconnaissance of the Subject Property. The South Coast Air Quality Management District (SCAQMD) issued a permit to operate (ID 9007543) for a gasoline storage and dispensing facility for the former tenant, Grove Lumber & Building Supplies, on October 6, 1981. By 1985, the Subject Property was developed with two buildings, the present-day main building and another building to the south, and associated asphalt-parking areas. At this time, the exterior western lot was used as storage for lumber and construction material. By 1990, the exterior storage appears to extend to the immediately north property, which ceased by 1994. Based on records from the SBCFD, two 1,000-gallon underground storage tanks (USTs) (gasoline and diesel) were removed in August 1990. Results of confirmation soil sampling following removal of the USTs revealed no detectable concentrations of total petroleum hydrocarbons (TPH), and the SBCFD subsequently issued a No Further Action (NFA) letter in 1991. The City of Ontario issued a building permit for the installation of a 4,500 square foot storage area in May 1999. By 2002, the previous southern building had been demolished and replaced with the present-day secondary building, likely associated with the storage area building permit issued in 1999. It is noted the western and southern portion of the Subject Property also appeared unpaved by 2002, consistent with the present-day storage area for excavated material generated off-site. According to Ms. Kristin Jimenez, the general manager of the current tenant, HHS Construction has occupied the Subject Property since June 2009. By 2012, the exterior western lot was used to store vehicles and other material, consistent with present-day operations.

2.2 Subject Property and Regional Geology

Geographically, the Subject Property is located within the Ontario and Guasti, California 7.5-minute quadrangle topographic map (USGS, 2018). The Subject Property has an elevation of approximately 850 to 860 feet above mean sea level (AMSL).

The Subject Property is located along the southwestern portion of the Bunker Hill Basin, which consists of alluvial deposits of silt, gravel, and boulders interspersed with lenticular deposits of silt and sand (SBCFD HMD, 2000).

2.3 Subject Property and Regional Hydrogeology

The Subject Property is located within the Upper Santa Ana Valley basin and Chino subbasin (California Department of Water Resources Bulletin 118, Update 2003 and Interim Update 2016). Groundwater in the vicinity of the Subject Property is reportedly at a depth of approximately 270 to 295 feet bgs, according to groundwater monitoring data for a facility approximately 1.87 miles east-southeast of the Subject Property (SBCFD HMD, 2000).

The Subject Property is generally flat with a gradual slope to the east. Based on groundwater monitoring data for a facility approximately 1.82 miles to the northeast, expected groundwater gradient at the Subject Property is towards the west-southwest (Wood, 2022).

3. Phase II Subsurface Investigation

All activities performed and detailed as part of this Phase II Report were conducted under the supervision of a registered California Professional Geologist.

3.1 Pre-Field Activities

3.1.1 Health and Safety Plan

Prior to the start of field activities, Roux prepared a Subject Property-specific HASP to ensure worker safety. In addition to containing information regarding Roux's standard safety practices, the HASP describes potential hazards relating to Subject Property activities and provides the locations and contact information of nearby emergency services. The HASP was kept on the Subject Property when fieldwork occurred and was reviewed and signed by workers during the daily tailgate health and safety meeting prior to work each day.

3.1.2 Underground Service Alert

On April 6, 2022, at least 72 hours prior to beginning drilling activities, Roux pre-marked the Subject Property with white paint and notified Underground Service Alert of Southern California (Ticket No. A220960569-00A) to demarcate subsurface utilities. Based on the proximity to marked subsurface utilities, intended drilling locations were not significantly modified.

3.1.3 Geophysical Survey

On April 6, 2022, Spectrum Geophysics (Spectrum) of Chatsworth, California evaluated the proposed boring locations to mitigate the risk of encountering buried utility lines or other subsurface features. As part of the geophysical investigation, Spectrum used a variety of techniques including ground-penetrating radar, metal detection, and utility location. Based on the results of the geophysical survey, which indicated that no significant subsurface features were present in the vicinity of proposed boring locations, the intended drilling locations were not significantly altered, with the exception of boring B-9 which was moved adjacent to the on-site sewer line to evaluate potential conduit vapor intrusion that could have migrated to the Subject Property.

3.2 Field Activities

3.2.1 Boring Advancement and Soil Sampling

On April 13 and 14, ABC Liovin Drilling, Inc. (ABC) of Signal Hill, California (C-57 License #422904), under the direction of Roux, advanced 10 borings (B-1 to B-10) to depths ranging between 5 to 23 feet bgs using hand augers and a Geoprobe 6622 track mounted direct push technology (DPT) rig equipped with 2.25-inch diameter drill rods to enable soil sampling and temporary soil vapor probe installation at the seven selected soil vapor locations. Photo-ionization detector (PID) readings were collected at regular depth intervals from each boring. Borings were logged continuously under the supervision of a California Professional Geologist.

Above ground stockpiles were present at Borings 1, 2, 3, and 5 (staging area where off-site construction material is temporarily stored). Below ground fill was observed at Borings 1, 2, 3, 4 and 5. Three soil samples were collected from Boring 1 through 5, except for Boring 4 where only two samples were collected. Soil samples at Borings 1 through 5 were collected at depths informed by the PID screening values, ranging between 1 and 10 feet bgs, at depths including the aboveground stockpiles depths. In Borings 6 through 10,

soil samples were collected at 1 and 5 feet bgs and in Borings 6 through 9 an additional soil sample was collected at 15 feet bgs.

Soil samples collected between 1 and 5 feet bgs were collected directly from the hand auger buckets into laboratory provided 8 oz. glass jars and USEPA Method 5035 preserved VOC sampling kits, if a VOC sample was collected. Beyond 5 feet bgs, borings were advanced with a DPT rig and soil was collected in acetate sleeves. Soil samples were collected directly from the acetate sleeves and placed into laboratory provided 8 oz. glass jars or USEPA Method 5035 sampling kits.

A total of 31 soil samples (including three duplicate soil samples) were analyzed for the following:

- 27 samples for TPH (Gasoline Range Organics [GRO, C6 to C10], Diesel Range Organics [DRO, C10 to C28], and Oil Range Organics [ORO, C28 to C44]) by USEPA method 8015B;
- 27 samples for Title 22 Metals by USEPA method 6010B;
- 12 samples for Polychlorinated Biphenyls (PCBs) by USEPA method 8082;
- 12 samples for Organochlorine Pesticides (OCPs) by USEPA method 8081;
- 31 samples for VOCs by USEPA method 8260B; and
- 21 samples for asbestos by Occupational Safety and Health Administration (OSHA) method 191.

Soil samples collected for VOC analysis were prepared in the field in accordance with USEPA method 5035, which included the collection of 5-gram aliquots of soil from each soil sample using a plastic plunger (Terra Core). The 5-gram aliquots of soil were placed in 40-milliliter (mL) volatile organic analysis (VOA) vials that contained either sodium bisulfate or methanol preservative. Care was taken to exclude concrete, asphalt, plant debris, and other foreign objects, to the extent practicable.

All soil samples were labeled with the boring location, date, time, and depth. After collection, soil samples were placed on ice and transported under chain-of-custody to Eurofins Analytical (Eurofins) of Tustin, California, a California-certified laboratory.

3.2.2 Installation of Temporary Soil Vapor Probes

Following soil sampling on April 13 and 14, a total of 14 soil vapor probes (sampling ports between 5 and 20 feet bgs, not including above ground stockpile depths) were installed in seven of the boring locations (B-1, B-2, B-4, and B-6 through B-9). The soil vapor probes were installed in accordance with the Department of Toxic Substances Control's (DTSC's) October 2011 Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (*Vapor Intrusion Guidance*) and the California Environmental Protection Agency (EPA), DTSC, Los Angeles Regional Water Quality Control Board, and San Francisco Regional Water Quality Control Board's July 2015 Advisory, Active Soil Gas Investigations (*Soil Gas Advisory*). Soil vapor probes were constructed with 1/4-inch Nylaflow tubing mounted with a terminal "bubbler" and set within one foot of sand followed by one foot of dry bentonite chips and sealed using hydrated bentonite. After the installation of each soil vapor probe, a minimum 48-hour equilibration period was observed prior to sampling, per the *Soil Gas Advisory*.

3.2.3 Soil Vapor Sampling

On April 18, 2022, Roux collected soil vapor samples from 14 soil vapor probes located at the seven boring locations across the Subject Property. A total of 15 soil vapor samples were collected, including one duplicate sample. After sample collection, these samples were delivered directly to Eurofins. Protocols and procedures utilized by Roux were in general accordance with the *Soil Gas Advisory*.

At each probe, a 60-second shut-in test was conducted prior to purging and collecting a sample. After conducting the shut-in test, a 1,1-Difluoroethane (1,1-DFA) gaseous leak check compound was applied to a clean rag and placed at the surface near the sample train connections and borehole opening. Three system volumes, including the probe inner-tubing, dry bentonite, and sand pack volumes, were purged from the probes at a rate not exceeding 200 milliliters per minute (mL/min) while maintaining a vacuum below 100 inches of water using a syringe and magnehelic vacuum gauge. For the vapor pin, purging was achieved by manually removing subsurface gas using a syringe attached to the sample train.

Soil vapor samples were collected in one-liter evacuated SUMMA® canisters and were analyzed for VOCs by USEPA method TO-15. Once sampled, soil vapor probes were abandoned by pulling the tubing and filling any void space in the probes with hydrated bentonite and patching in-kind at the surface with concrete.

3.2.4 Investigation Derived Waste

Investigation derived waste (IDW) generated from drilling and decontamination activities were containerized in one (1) 55-gallon drum and placed along the eastern edge of the Subject Property. The drum was labeled and temporarily stored on the Subject Property until laboratory data was received and the drum could be profiled for disposal. The IDW drum has been disposed of under proper analytical profiling as non-hazardous waste.

3.3 Field Sampling Quality Control

Field quality assurance/quality control samples were collected during the investigation to assess whether reported concentrations of chemicals identified through analytical testing were of acceptable quality, as follows:

- **Field Duplicates – Soil:** Soil sample field duplicates were collected to check for sampling and analytical precision. Three soil duplicates were collected, labeled, and stored in the same manner as the primary samples. All three duplicates were analyzed for VOCs, TPH, and metals. Two duplicates were analyzed for asbestos and only one duplicate was analyzed for PCBs, and OCPs. No significant anomalies were observed between primary and duplicate samples. The duplicate soil sample result is shown in italics beneath the primary soil sample results in Tables 1 through 5.

- **Field Duplicates – Soil Vapor:** A soil vapor sample field duplicate was collected to check for sampling and analytical precision. One soil vapor duplicate was collected, labeled, and stored in the same manner as the primary samples. The duplicate was analyzed for the same constituent, VOCs, as the primary samples. No significant anomalies were observed between primary and duplicate sample. The duplicate soil vapor sample result is shown in italics beneath the primary soil vapor samples results in Table 6.

4. Results

4.1 Lithology

Soils encountered at the Subject Property were generally comprised of sand and sandy silt, fine to medium in size, with trace silt and occasional gravel. The Subject Property soils were dry to moist and ranged in color from light olive brown, light yellow brown to dark yellow brown. In general, Roux observed no visual (i.e., staining, oily material) or olfactory indications of contamination in the soil samples, with the exception of boring B-5 where an odor was observed between one and four feet bgs. Above ground stockpiled soil was observed at borings B-1, B-2, B-3 and B-5. The stockpiles ranged from two to seven feet tall. Fill soil was observed below the surrounding grade (i.e. beneath the stockpiles) at boring locations B-1, B-2, B-3, B-4 and B-5 at depths ranging from one to three and a half feet bgs. Boring logs are included as Appendix A.

4.2 Soil Analytical Results

A total of 31 soil samples were collected, including three duplicate samples, from 10 boring locations placed across the Subject Property. Soil samples were analyzed for TPH, metals, PCBs, OCPs, VOCs and asbestos.

Soil results were compared to the following screening levels (SLs) and regional background levels, where applicable:

- DTSC Determination of a Southern California Regional Background Arsenic Concentration in Soil, Dated 2008;
- USEPA Industrial Soil Regional Screening Levels (RSLs), dated November 2021 (USEPA, 2021); and
- DTSC Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note Number 3 Commercial/Industrial Screening Levels (DTSC SLs), dated June 2020 (DTSC, 2020b).

The sections that follow summarize the laboratory analytical results of soil samples. Laboratory reports are provided in Appendix B.

4.2.1 TPH in Soil

A total of 27 soil samples (24 primary and three duplicate), ranging from 1 to 10 feet bgs, were collected and analyzed for TPH full carbon chain via USEPA method 8015B. No screening levels jurisdictionally apply for TPH, but a summary is presented below and in Table 1:

- TPH GRO (C6-C10) was not detected above the laboratory reporting limit (RL) in any of the 27 soil samples analyzed.
- TPH DRO (C10-C28) was detected above the laboratory RL in 19 of the 27 soil samples at concentrations ranging from 5.9 mg/kg (B-9-1) to 10,000 mg/kg (B-5-1). B-5-1 was collected from fill soil below grade (not in a stockpile) within the staging area.
- TPH ORO (C28-C44) was detected above the laboratory RL in 19 of the 27 soil samples at concentrations ranging from 5.6 mg/kg (B-9-1) to 4,910 mg/kg (B-5-1). B-5-1 was collected from fill soil below grade (not in a stockpile) within the staging area.

4.2.2 Metals in Soil

A total of 27 soil samples (24 primary and three duplicates), ranging from between 1 and 10 feet in depth, were collected and analyzed for metals. None of the reported concentrations exceeded any applicable SLs and/or applicable California background levels. A summary of results is presented below and in Table 2:

- Antimony was detected above the laboratory RL in one of the 27 soil samples at a concentration of 43.7 mg/kg (B-1-10), below the USEPA RSL of 470 mg/kg.
- Arsenic was detected above the laboratory RL in eight of the 27 soil samples at concentrations ranging from 3.12 mg/kg (B-10-1) to 5.30 mg/kg (B-5-3), below the California background level of 12 mg/kg.
- Barium was detected above the laboratory RL in all 27 soil samples at concentrations ranging from 26.8 mg/kg (B-9-5) to 94.1 mg/kg (B-10-5), below the USEPA RSL of 220,000 mg/kg.
- Cadmium was detected above the laboratory RL in 12 of the 27 soil samples at concentrations ranging from 0.838 mg/kg (B-3-1) to 1.84 mg/kg (B-3-8), below the USEPA RSL of 100 mg/kg.
- Chromium was detected above the laboratory RL in all 27 of the soil samples at concentrations ranging from 5.94 mg/kg (B-3-1) to 157 mg/kg (B-1-10). No screening level is defined for Chromium.
- Cobalt was detected above the laboratory RL in all 27 soil samples at concentrations ranging from 3.12 mg/kg (B-3-1) to 12.7 mg/kg (B-1-10), below the USEPA RSL of 350 mg/kg.
- Copper was detected above the laboratory RL in all 27 soil samples at concentrations ranging from 4.42 mg/kg (B-3-1) to 18.4 mg/kg (B-1-10), below the USEPA RSL of 47,000 mg/kg.
- Lead was detected above the laboratory RL in 26 of the 27 soil samples at concentrations ranging from 2.07 mg/kg (B-9-5) to 15.3 mg/kg (B-1-7-D), below the DTSC SL of 320 mg/kg.
- Molybdenum was detected above the laboratory RL in one of the 27 soil samples at a concentration of 4.67 mg/kg (B-1-10), below the USEPA RSL of 5,800 mg/kg.
- Nickel was detected above the laboratory RL in all 27 soil samples at concentrations ranging from 4.80 mg/kg (B-3-1) to 140 mg/kg (B-1-10), below the DTSC SL of 11,000 mg/kg.
- Vanadium was detected above the laboratory RL in all of the 27 soil samples at concentrations ranging from 15.9 mg/kg (B-3-1) to 39.9 mg/kg (B-10-5), below the USEPA RSL of 5,800 mg/kg.
- Zinc was detected above the laboratory RL in all of the 27 soil samples at concentrations ranging from 21.6 mg/kg (B-5-1) to 60.8 mg/kg (B-8-1), below the USEPA RSL of 350,000 mg/kg.
- Mercury was detected above the laboratory RL in one of the 27 soil samples at a concentration of 0.0883 mg/kg (B-10-5), below the DTSC SL of 4.4 mg/kg.

4.2.3 PCBs and OCPs in Soil

A total of 12 soil samples (11 primary and one duplicate), ranging from 1 to 10 feet bgs, were collected and analyzed for PCBs and OCPs. PCBs and OCPs were not reported above the laboratory RL in any of the 12 soil samples analyzed. A summary of results is presented in Table 3.

4.2.4 VOCs in Soil

A total of 31 soil samples (28 primary and three duplicate), ranging from 1 to 15 feet bgs, were collected and analyzed for VOCs. Reported VOCs did not exceed their applicable SLs. A summary of the VOCs that were reported above the laboratory RL is presented below and in Table 4:

- Acetone was detected above the laboratory RL in 19 of the 31 soil samples at concentrations ranging from 17 µg/kg (B-7-5) to 62 µg/kg (B-5-1), below the USEPA RSL of 1,100,000,000 µg/kg.
- Benzene was detected above the laboratory RL in three of the 31 soil samples at concentrations ranging from 0.98 µg/kg (B-1-1) to 2.2 µg/kg (B-10-5), below the DTSC SL of 1,400 µg/kg.
- Toluene was detected above the laboratory RL in two of the 31 soil samples at concentrations ranging from 1.0 µg/kg (B-3-3) to 1.4 µg/kg (B-10-5), below the DTSC SL of 5,300,000 µg/kg.

4.2.5 Asbestos in Soil

A total of 21 soil samples (19 primary and two duplicates), ranging from 1 to 10 feet bgs, were collected and analyzed for asbestos. Asbestos was not detected in any of the 21 soil samples analyzed. A summary of results is presented in Table 5.

4.3 Soil Vapor Analytical Results

A total of 15 soil vapor samples were collected, including one duplicate sample, from across the Subject Property at seven boring locations. The following sections summarize the laboratory analytical results of soil vapor samples. Laboratory reports are provided in Appendix B.

4.3.1 VOCs in Soil Vapor

A total of 15 soil vapor samples (14 primary and one duplicate) were collected between 5 and 20 feet bgs and analyzed for VOCs. A total of 12 VOC constituents were detected above the laboratory RL in one or more soil vapor samples. The 12 VOC constituents detected included: 1,3,5-trimethylbenzene, 2-butanone, acetone, chloroethane, chloromethane, ethylbenzene, isopropanol, m,p-xylene, o-xylene, tetrachloroethene (PCE), toluene, and trichlorofluoromethane. Of the 12 compounds detected, 11 were reported at concentrations below their respective screening levels, calculated using a very conservative attenuation factor of 0.03. A summary of the 12 detected VOC compounds is presented in Table 6. Due to these relatively low detections, they are not summarized in this section.

Only one of the 12 compounds detected above the laboratory RL, PCE, was reported at a concentration that exceeded the applicable SL calculated using a very conservative attenuation factor of 0.03. A summary of this compound is presented below and in Table 6:

- PCE was detected above the laboratory RL in seven of the 15 soil vapor samples at concentrations ranging from 3.8 µg/m^3 (SV-2-15) to 210 µg/m^3 (SV-7-5). Two of the detections at 86 µg/m^3 (SV-9-5) and 210 µg/m^3 (SV-7-5), exceeded the DTSC SL of 67 µg/m^3 but did not exceed the USEPA RSL of 1,567 µg/m^3.

5. Limited Human Health Risk Assessment

5.1 Risk Assessment Summary

Based on the soil vapor data summarized in Section 4.3.1, Roux prepared a limited Human Health Risk Assessment (HHRA) to provide a conservative evaluation of the potential risk to indoor commercial/industrial workers from exposure to chemicals detected in the soil vapor at the Subject Property. The limited HHRA calculated the estimated risks associated with the presence of these chemicals of potential concern (COPCs) where exposure pathways are considered potentially complete pursuant to the Department of Toxic Substance Control (DTSC) *Preliminary Endangerment Assessment Guidance Manual* (PEA Guidance; DTSC, 2015). The limited HHRA determined that carcinogenic risk and non-carcinogenic hazard to human receptors for current and future commercial/industrial indoor air scenarios at the Subject Property are within acceptable ranges.

The risk characterization process integrates the results of the data evaluation, exposure assessment, and toxicity assessment to provide a quantitative estimation of cumulative non-carcinogenic and carcinogenic risks for indoor commercial/industrial exposure to indoor air at the Subject Property as summarized in the table below.

Cumulative Cancer and Non-Cancer Risks

Risk	Target Threshold	Indoor Commercial/Industrial Exposure to Indoor Air	
		Estimated Risk	Exceed Risk Threshold?
Cancer Risk	1E-06 to 1E-04	3E-06	Within risk management target threshold range
Non-Cancer Hazard	1	4E-02	No

The cancer risk estimate for an indoor commercial/industrial scenario is within the risk management target cancer threshold range of 1E-06 to 1E-04. The non-cancer hazard estimate is below the non-cancer hazard target threshold of 1. As specified in DTSC HERO's Note 4 (DTSC, 2019b), risk estimates were calculated using USEPA's attenuation factor of 0.03.

6. Summary and Conclusions

From February 13 to February 18, 2022, Roux implemented a Phase II Subsurface Investigation at the Subject Property to assess the aforementioned findings identified during a Phase I ESA concurrently prepared by Roux and to evaluate potential impacts to soil and soil vapor prior to Client's potential Subject Property acquisition for commercial/industrial use.

The objectives of the investigation were met, and the bullet list below provides a summary of the investigation results:

- Of the 27 soil samples analyzed for TPH full carbon chain, the limited detections were in the diesel (C10-C28) and oil ranges (C28-C44). Refer to Table 1.

- Boring location B-5 at one-foot bgs, where the highest TPH concentrations were observed, was situated in a layer of below grade fill soil within the staging area where odor was observed at the time of sampling. The below grade fill soil layer extends from one to approximately three and a half feet bgs. Concentrations of TPH at the three- and five-foot soil samples beneath were significantly less than the one-foot sample. No screening levels or regulatory cleanup objectives jurisdictionally apply for TPH.

- Of the 27 soil samples analyzed for metals, 13 compounds were reported at concentrations above the laboratory RLs. None of the metal detections exceeded the applicable SLs presented in Table 2, with the exception of arsenic, which was detected above the laboratory RL (ranging between 3.12 mg/kg (B-10-1) to 5.30 mg/kg (B-5-3)). However, the typical background concentration of arsenic in California soils is 12 mg/kg. Refer to Table 2.

- Of the 12 soil samples collected and analyzed for PCBs or OCPs, none had reported concentrations of OCPs and PCBs. Refer to Table 3.

- Of the 31 soil samples analyzed for VOCs, only three compounds were reported at concentrations above the laboratory RLs. Detections of these compounds, acetone, benzene, and toluene were generally low and significantly below the applicable SLs presented in Table 4.

- Of the 21 samples collected and analyzed for asbestos, none had reported detections of asbestos. Refer to Table 5.

- A total of 12 VOC constituents were reported above the laboratory RL in the 15 soil vapor samples analyzed. Of the 12 constituents, only one, PCE, was detected at a concentration that exceeded the applicable DTSC SL calculated using a very conservative attenuation factor of 0.03. Refer to Table 6.

Conclusions

Based on the results of the Phase II investigation, Roux concludes the following:

- In soil, VOCs, metals, PCBs, OCPs and asbestos are not considered to be COPCs at the locations sampled across the Subject Property.

- Limited detections of TPH in the diesel and motor oil ranges were identified in shallow soil at the area of below grade fill soil located in the southeast portion of the staging area. These soils can be removed as non-hazardous waste or evaluated for Subject Property wide blending during grading, pending geotechnical analysis. No screening levels or regulatory cleanup objectives jurisdictionally apply for TPH; however, Roux understands that the fill soil in the staging area will be excavated and

disposed of off-site in accordance with applicable regulations during future Subject Property redevelopment activities.

- In soil vapor, several VOCs were detected above laboratory RLs but below applicable SLs, with the exception of PCE in samples SV-7-5 and SV-9-5. PCE concentrations in these two samples exceeded the commercial/industrial DTSC Air SL with a very conservative 0.03 attenuation factor applied but did not exceed the USEPA RSL. It is noted that no potential source of PCE or other chlorinated solvents was identified in association with current or historical Subject Property operations.

- A Limited HHRA was conducted using the data generated during this Phase II investigation to evaluate if COPCs in soil vapor, collected by Roux in April 2022, pose an unacceptable level of risk to current and future indoor commercial/industrial worker receptors. Based on the limited HHRA, the cancer risk estimate for an indoor commercial/industrial scenario is within the risk management target cancer threshold range of 1E-06 to 1E-04. The non-cancer hazard estimate is below the non-cancer hazard target threshold of 1. The limited HHRA determined that carcinogenic risk and non-carcinogenic hazard to human receptors for current and future commercial/industrial indoor air scenarios at the Subject Property are within acceptable ranges.

7. Closing

Roux is available to answer any questions regarding this *Phase II Subsurface Investigation*. Please contact Peter Shimer at 310-879-4929 or via email at pshimer@rouxinc.com or Tony Ward at 310-879-4927 or via email at tward@rouxinc.com.

Respectfully submitted,

ROUX ASSOCIATES, INC.

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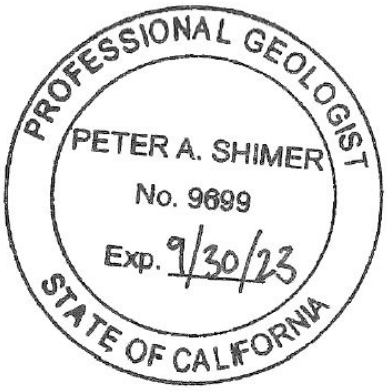
Senior Geologist



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TABLES

Table 1

Total Petroleum Hydrocarbons in Soil

2042 S Grove Avenue, Ontario, California

Sample ID	Depth (feet bgs)	Sample Date	Gasoline Range Organics [C6-C10]*	Diesel Range Organics [C10-C28]	Oil Range Organics [C28-C44]*	C6-C44
		Method	USEPA 8015B			
		Unit	milligrams per kilogram (mg/kg)			
B-1-1	1	4/14/2022	<150	**190**	**450**	**780**
B-1-7	7	4/14/2022	<15	**14**	**27**	**55**
B-1-7-D	*7*	*4/14/2022*	<15	***13***	**23**	***49***
B-1-10	10	4/14/2022	<15	<4.9	<20	<4.9
B-2-1	1	4/14/2022	<15	**150**	**290**	**500**
B-2-3	3	4/14/2022	<150	**520**	**880**	**1,600**
B-2-7	7	4/14/2022	<15	**13**	**25**	**49**
B-3-1	1	4/14/2022	<150	**660**	**870**	**1,700**
B-3-3	3	4/14/2022	<150	**1,100**	**1,200**	**2,600**
B-3-8	8	4/14/2022	<15	<4.9	<20	**6.9**
B-4-1	1	4/14/2022	<15	**130**	**180**	**340**
B-4-3	3	4/14/2022	<15	<4.9	<20	**8.6**
B-5-1	1	4/13/2022	<150	**10,000**	**4,900**	**16,000**
B-5-3	3	4/13/2022	<15	**33**	**9.0**	**67**
B-5-5	5	4/13/2022	<15	**26**	**15**	**46**

Notes:

feet bgs = feet below ground surface

C#-C# = carbon chain range

*Calculated Gasoline Range Organics and Calculated Oil Range Organics TPH summed from detections of individual carbon species.

USEPA = United States Environmental Protection Agency

Bold indicates concentration detected above laboratory reporting limits

<X = result does not exceed laboratory reporting limit

Table 2
Title 22 Metals in Soil
2042 S Grove Avenue, Ontario, California

Sample ID	Depth (feet bgs)	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
Method			USEPA 6010B																
Unit			milligrams per kilogram (mg/kg)																
USEPA Industrial Soil RSL			470	3.0	220,000	2,300	100	NS	350	47,000	800	5,800	22,000	5,800	5,800	12	5,800	350,000	46
DTSC Commercial/Industrial Soil SL			NS	0.36	NS	230	780	NS	NS	NS	320	NS	11,000	NS	NS	NS	NS	NS	4.4
California Upper Confidence Limit[1]			NS	12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-1-1	1	4/14/2022	<9.80	<2.94	**81.5**	<0.490	**1.38**	**13.4**	**6.41**	**13.7**	**9.82**	<1.96	**10.4**	<2.94	<1.47	<9.80	**26.0**	**41.3**	<0.0806
B-1-7	7	4/14/2022	<10.2	<3.05	**91.6**	<0.508	**1.75**	**17.5**	**7.36**	**13.1**	**12.2**	<2.03	**10.0**	<3.05	<1.52	<10.2	**34.6**	**47.0**	<0.0847
B-1-7-D	*7*	4/14/2022	*<10.2*	*<3.06*	***93.6***	*<0.510*	***1.80***	***20.1***	***7.63***	***14.6***	***15.3***	*<2.04*	***13.5***	*<3.06*	*<1.53*	*<10.2*	***34.0***	***52.2***	*<0.0833*
B-1-10	10	4/14/2022	**43.7**	<3.06	**48.2**	<0.510	**1.61**	**157**	**12.7**	**18.4**	**3.53**	**4.67**	**140**	<3.06	<1.53	<10.2	**26.6**	**40.1**	<0.0847
B-2-1	1	4/14/2022	<10.0	<3.00	**72.9**	<0.500	**1.64**	**14.2**	**6.60**	**11.9**	**4.95**	<2.00	**10.1**	<3.00	<1.50	<10.0	**30.7**	**43.9**	<0.0833
B-2-3	3	4/14/2022	<10.1	<3.03	**85.3**	<0.505	**1.69**	**15.1**	**6.84**	**12.8**	**5.28**	<2.02	**12.2**	<3.03	<1.52	<10.1	**30.9**	**47.0**	<0.0877
B-2-7	7	4/14/2022	<10.1	<3.03	**85.8**	<0.505	**1.83**	**18.1**	**7.85**	**14.1**	**8.08**	<2.02	**10.7**	<3.03	<1.52	<10.1	**35.3**	**47.0**	<0.0820
B-3-1	1	4/14/2022	<10.2	<3.05	**29.8**	<0.508	**0.838**	**5.94**	**3.12**	**4.42**	**2.63**	<2.03	**4.80**	<3.05	<1.52	<10.2	**15.9**	**21.7**	<0.0833
B-3-3	3	4/14/2022	<10.1	<3.02	**40.3**	<0.503	**1.01**	**7.19**	**4.03**	**7.11**	**3.74**	<2.01	**6.44**	<3.02	<1.51	<10.1	**19.8**	**33.8**	<0.0877
B-3-8	8	4/14/2022	<10.1	<3.03	**92.8**	<0.505	**1.84**	**18.2**	**7.84**	**14.1**	**5.91**	<2.02	**10.8**	<3.03	<1.52	<10.1	**36.0**	**45.6**	<0.0794
B-4-1	1	4/14/2022	<10.2	<3.05	**77.0**	<0.508	<0.508	**14.8**	**5.60**	**9.53**	**8.05**	<2.03	**8.91**	<3.05	<1.52	<10.2	**31.0**	**42.9**	<0.0847
B-4-3	3	4/14/2022	<10.0	<2.99	**89.0**	<0.498	**1.73**	**16.8**	**7.39**	**12.9**	**5.80**	<1.99	**10.0**	<2.99	<1.49	<10.0	**34.2**	**44.3**	<0.0862
B-5-1	1	4/13/2022	<10.0	<3.00	**31.9**	<0.500	<0.500	**7.56**	**3.14**	**6.76**	<2.00	<2.00	**9.59**	<3.00	<1.50	<10.0	**17.3**	**21.6**	<0.0806
B-5-3	3	4/13/2022	<10.0	**5.30**	**88.8**	<0.500	<0.500	**16.3**	**6.15**	**10.8**	**9.55**	<2.00	**9.46**	<3.00	<1.50	<10.0	**32.1**	**42.9**	<0.0847
B-5-5	5	4/13/2022	<9.80	**4.77**	**93.9**	<0.490	<0.490	**16.8**	**6.51**	**10.8**	**14.0**	<1.96	**9.80**	<2.94	<1.47	<9.80	**34.3**	**48.7**	<0.0794
B-6-1	1	4/13/2022	<10.2	<3.06	**49.1**	<0.510	<0.510	**14.1**	**6.14**	**11.0**	**2.79**	<2.04	**9.20**	<3.06	<1.53	<10.2	**26.4**	**30.6**	<0.0833
B-6-5	5	4/13/2022	<10.2	<3.06	**84.8**	<0.510	<0.510	**16.1**	**6.16**	**9.59**	**7.40**	<2.04	**10.2**	<3.06	<1.53	<10.2	**34.9**	**41.6**	<0.0806
B-7-1	*1*	4/13/2022	<10.1	**3.36**	**72.6**	<0.505	<0.505	**16.2**	**6.59**	**10.8**	**4.46**	<2.02	**10.2**	<3.03	<1.52	<10.1	**32.8**	**37.6**	<0.0862
B-7-5	5	4/13/2022	<10.1	<3.03	**86.6**	<0.505	<0.505	**16.8**	**6.68**	**10.5**	**2.99**	<2.02	**9.94**	<3.03	<1.52	<10.1	**34.2**	**38.9**	<0.0806
B-7-5-D	*5*	4/13/2022	*<10.2*	*<3.06*	***86.8***	*<0.510*	*<0.510*	***16.4***	***6.68***	***11.1***	***3.25***	*<2.04*	***9.96***	*<3.06*	*<1.53*	*<10.2*	***34.1***	***38.1***	*<0.0833*
B-8-1	1	4/13/2022	<9.90	**3.24**	**87.0**	<0.495	<0.495	**15.9**	**6.55**	**10.7**	**11.1**	<1.98	**9.42**	<2.97	<1.49	<9.90	**35.1**	**60.8**	<0.0806
B-8-5	5	4/13/2022	<9.85	**3.18**	**77.1**	<0.493	<0.493	**17.0**	**7.00**	**12.2**	**2.73**	<1.97	**10.7**	<2.96	<1.48	<9.85	**34.1**	**37.7**	<0.0833
B-9-1	1	4/14/2022	<9.85	<2.96	**73.3**	<0.493	**1.72**	**16.0**	**6.98**	**11.9**	**3.85**	<1.97	**9.43**	<2.96	<1.48	<9.85	**30.8**	**38.1**	<0.0877
B-9-5	5	4/13/2022	<10.2	<3.05	**26.8**	<0.508	<0.508	**8.59**	**4.31**	**10.1**	**2.07**	<2.03	**6.55**	<3.05	<1.52	<10.2	**18.4**	**23.7**	<0.0820
B-10-1	1	4/13/2022	<9.85	**3.12**	**60.0**	<0.493	<0.493	**12.3**	**5.32**	**10.2**	**3.33**	<1.97	**8.42**	<2.96	<1.48	<9.85	**24.1**	**30.1**	<0.0833
B-10-1-D	*1*	4/13/2022	*<9.90*	***4.69***	***79.7***	*<0.495*	*<0.495*	***17.2***	***6.71***	***13.8***	***5.88***	*<1.98*	***13.1***	*<2.97*	*<1.49*	*<9.90*	***35.1***	***38.5***	*<0.0794*
B-10-5	5	4/13/2022	<10.2	**3.66**	**94.1**	<0.510	<0.510	**17.4**	**8.72**	**14.0**	**3.86**	<2.04	**12.0**	<3.06	<1.53	<10.2	**39.9**	**39.8**	**0.0883**

Notes:
feet bgs = feet below ground surface
USEPA = United States Environmental Protection Agency
USEPA RSL = USEPA Regional Screening Level for industrial soil, dated November 2021
DTSC SL = California Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment Note 3 Screening Level for industrial soil, dated June 2020
[1]California Upper Confidence Limit = background arsenic concentration of 12.0 mg/kg (Determination of a Southern California Regional Background Arsenic Concentration in Soil, DTSC, 2008)
NS indicates no screening level
Bold indicates concentration detected above laboratory reporting limits
<X = result does not exceed laboratory reporting limit

Table 3

Polychlorinated Biphenyls and Organochlorine Pesticides in Soil

2042 S Grove Avenue, Ontario, California

Sample ID	Depth (feet bgs)	Date Sampled	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268	All OCPs
Method			USEPA 8082									USEPA 8081A
Units			micrograms per kilogram (µg/kg)									
USEPA Industrial Soil RSL			27,000	830	720	950	940	970	990	NS	NS	Varies
DTSC Commercial/Industrial Soil SL			17,000	530	490	580	580	590	600	NS	NS	Varies
B-1-1	1	4/14/2022	<50	<50	<50	<50	<50	<50	<50	<50	<50	ND
B-1-7	7	4/14/2022	<50	<50	<50	<50	<50	<50	<50	<50	<50	ND
B-1-7-D	*7*	*4/14/2022*	*<50*	*<50*	*<50*	*<50*	*<50*	*<50*	*<50*	*<50*	*<50*	*ND*
B-1-10	10	4/14/2022	<50	<50	<50	<50	<50	<50	<50	<50	<50	ND
B-2-1	1	4/14/2022	<50	<50	<50	<50	<50	<50	<50	<50	<50	ND
B-2-3	3	4/14/2022	<50	<50	<50	<50	<50	<50	<50	<50	<50	ND
B-2-7	7	4/14/2022	<50	<50	<50	<50	<50	<50	<50	<50	<50	ND
B-3-1	1	4/14/2022	<50	<50	<50	<50	<50	<50	<50	<50	<50	ND
B-3-3	3	4/14/2022	<50	<50	<50	<50	<50	<50	<50	<50	<50	ND
B-3-8	8	4/14/2022	<50	<50	<50	<50	<50	<50	<50	<50	<50	ND
B-4-1	1	4/14/2022	<50	<50	<50	<50	<50	<50	<50	<50	<50	ND
B-4-3	3	4/14/2022	<50	<50	<50	<50	<50	<50	<50	<50	<50	ND

Notes:

feet bgs = feet below ground surface

OCP = organochlorine pesticide

USEPA = United States Environmental Protection Agency

USEPA RSL = USEPA Regional Screening for industrial soil, dated November 2021

DTSC SL = California Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment Note 3 Screening Level for industrial soil, dated June 2020

Bold indicates concentration detected above laboratory reporting limits

NS indicates no screening level

<X = result does not exceed laboratory reporting limit

Table 4
Volatile Organic Compounds (VOCs) in Soil
2042 S Grove Avenue, Ontario, California

Sample ID	Depth (feet bgs)	Sample Date	Acetone	Benzene	Toluene	All Other VOCs
		Method	USEPA 8260B			
		Units	micrograms per kilogram (µg/kg)			
		USEPA Industrial Soil RSL	1,100,000,000	5,100	47,000,000	varies
		DTSC Commercial/Industrial Soil SL	NS	1,400	5,300,000	varies
B-1-1	1	4/14/2022	**20**	**0.98**	<0.92	ND
B-1-7	7	4/14/2022	**25**	<0.87	<0.87	ND
B-1-7-D	*7*	*4/14/2022*	***24***	*<0.96*	*<0.96*	*ND*
B-1-10	10	4/14/2022	<21	<1.0	<1.0	ND
B-2-1	1	4/14/2022	**25**	<0.98	<0.98	ND
B-2-3	3	4/14/2022	**22**	<0.81	<0.81	ND
B-2-7	7	4/14/2022	<16	<0.78	<0.78	ND
B-3-1	1	4/14/2022	**23**	<0.86	<0.86	ND
B-3-3	3	4/14/2022	**27**	<0.88	**1.0**	ND
B-3-8	8	4/14/2022	**31**	<0.88	<0.88	ND
B-4-1	1	4/14/2022	**60**	<2.1	<2.1	ND
B-4-3	3	4/14/2022	**36**	<0.99	<0.99	ND
B-5-1	1	4/13/2022	**62**	<0.95	<0.95	ND
B-5-3	3	4/13/2022	**25**	<0.94	<0.94	ND
B-5-5	5	4/13/2022	**24**	<0.90	<0.90	ND
B-6-1	1	4/13/2022	<18	<0.90	<0.90	ND
B-6-5	5	4/13/2022	**22**	<0.91	<0.91	ND
B-6-15	15	4/13/2022	**19**	<0.88	<0.88	ND
B-7-1	1	4/13/2022	<17	<0.87	<0.87	ND
B-7-5	5	4/13/2022	**17**	<0.82	<0.82	ND
B-7-5-D	*5*	*4/13/2022*	*<19*	*<0.93*	*<0.93*	*ND*
B-7-15	15	4/13/2022	<17	<0.85	<0.85	ND
B-8-1	1	4/13/2022	**37**	<0.91	<0.91	ND
B-8-5	5	4/13/2022	**29**	<0.85	<0.85	ND
B-8-15	15	4/13/2022	<19	<0.95	<0.95	ND
B-9-1	1	4/14/2022	**18**	<0.91	<0.91	ND
B-9-5	5	4/13/2022	<18	<0.92	<0.92	ND
B-9-15	15	4/13/2022	<18	<0.90	<0.90	ND
B-10-1	1	4/13/2022	<19	**1.5**	<0.94	ND
B-10-1-D	*1*	*4/13/2022*	*<18*	*<0.91*	*<0.91*	*ND*
B-10-5	5	4/13/2022	<17	**2.2**	**1.4**	ND

Notes:
feet bgs = feet below ground surface
USEPA = United States Environmental Protection Agency
USEPA RSL = USEPA Regional Screening for industrial soil, dated November 2021
DTSC SL = California Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment Note 3 Screening Level for industrial soil, dated June 2020
Bold indicates concentration detected above laboratory method detection limit
Italics indicate duplicate sample
ND = not detected
NS indicates no screening level
<X = result does not exceed laboratory reporting limit

Table 5
Asbestos in Soil
2042 S Grove Avenue, Ontario, California

Sample ID	Depth (feet bgs)	Date Sampled	Asbestos
		Method	OSHA-ID 191
		Units	% Fibrous
B-1-1	1	4/14/2022	ND
B-1-7	7	4/14/2022	ND
B-1-7-D	*7*	*4/14/2022*	*ND*
B-1-10	10	4/14/2022	ND
B-2-1	1	4/14/2022	ND
B-2-3	3	4/14/2022	ND
B-2-7	7	4/14/2022	ND
B-3-1	1	4/14/2022	ND
B-3-3	3	4/14/2022	ND
B-3-8	8	4/14/2022	ND
B-4-1	1	4/14/2022	ND
B-4-3	3	4/14/2022	ND
B-5-1	1	4/13/2022	ND
B-5-3	3	4/13/2022	ND
B-5-5	5	4/13/2022	ND
B-6-1	1	4/13/2022	ND
B-7-1	1	4/13/2022	ND
B-8-1	1	4/13/2022	ND
B-9-1	1	4/14/2022	ND
B-10-1	1	4/13/2022	ND
B-10-1-D	*1*	*4/13/2022*	*ND*

Notes:
feet bgs = feet below ground surface
OSHA = Occupational Safety and Health Administration
Italics indicate duplicate sample
ND = not detected above laboratory reporting limit

Table 6
VOSs in Soil Vapor
2042 S Grove Avenue, Ontario, California

Sample ID	Depth (ft bgs)	Sample Date	1,3,5-Trimethylbenzene	2-Butanone	Acetone	Chloroethane	Chloromethane	Ethylbenzene	Isopropanol	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	Trichlorofluoromethane	All Other VOCs
Method			USEPA TO-15												
Units			micrograms per cubic meter ($\mu g/m^3$)												
USEPA Industrial Air RSL (AF = 0.03)			8,667	733,333	4,666,667	600,000	13,000	163	29,333	14,667	14,667	1,567	733,333	NS	Varies
DTSC Commercial/Industrial Air SL (AF = 0.03)			NS	NS	NS	NS	NS	NS	NS	NS	NS	67	43,333	176,667	Varies
SV-1-10	10	4/18/2022	<2.5	<4	**18**	<1.3	<1.0	<2.2	<12	<8.7	<2.2	<3.4	**2.9**	**18**	ND
SV-1-20	20	4/18/2022	<2.5	<4	**15**	<1.3	<1.0	<2.2	<12	<8.7	<2.2	<3.4	<1.9	**22**	ND
SV-2-5	5	4/18/2022	<2.5	<4	**21**	<1.3	<1.0	<2.2	<12	<8.7	<2.2	<3.4	**2.7**	**20**	ND
SV-2-5-D	*5*	*4/18/2022*	*<2.5*	*<4*	***16***	*<1.3*	*<1.0*	*<2.2*	*<12*	*<8.7*	*<2.2*	*<3.4*	***2.5***	*<5.6*	*ND*
SV-2-15	*15*	4/18/2022	<2.5	**4.7**	**24**	<1.3	<1.0	<2.2	<12	<8.7	<2.2	**3.8**	**3.8**	**110**	ND
SV-4-5	5	4/18/2022	<2.5	**17**	**62**	**1.4**	**2.6**	<2.2	<12	<8.7	<2.2	<3.4	**2.3**	**7.0**	ND
SV-4-15	15	4/18/2022	<2.5	**4.9**	**27**	<1.3	<1.0	<2.2	<12	<8.7	<2.2	<3.4	**4.2**	**11**	ND
SV-6-5	5	4/18/2022	<2.5	<4	**6.0**	<1.3	<1.0	<2.2	<12	<8.7	<2.2	<3.4	<1.9	<5.6	ND
SV-6-15	15	4/18/2022	<2.5	**17**	**100**	<1.3	<1.0	<2.2	**14**	<8.7	**2.8**	**6.1**	**6.3**	**49**	ND
SV-7-5	5	4/18/2022	**2.5**	**12**	**54**	<1.3	<1.0	**3.0**	<12	**11**	**3.1**	**210**	**4.4**	**71**	ND
SV-7-15	15	4/18/2022	<2.5	**16**	**39**	<1.3	<1.0	<2.2	<12	<8.7	<2.2	**9.8**	<1.9	**80**	ND
SV-8-5	5	4/18/2022	<2.5	**4.3**	**17**	<1.3	<1.0	<2.2	<12	<8.7	<2.2	**5.5**	<1.9	**23**	ND
SV-8-15	15	4/18/2022	<2.5	**5.2**	**23**	<1.3	<1.0	<2.2	<12	<8.7	<2.2	<3.4	<1.9	**24**	ND
SV-9-5	5	4/18/2022	<2.5	**8.7**	**34**	<1.3	<1.0	<2.2	<12	<8.7	<2.2	**86**	**2.0**	**13**	ND
SV-9-15	15	4/18/2022	<2.5	**16**	**57**	<1.3	<1.0	<2.2	<12	<8.7	<2.2	**5.7**	<1.9	**18**	ND

Notes:
feet bgs = feet below ground surface
USEPA = United States Environmental Protection Agency
AF = attenuation factor
USEPA RSL = United States Environmental Protection Agency Regional Screening for industrial air, dated November 2021.
DTSC SL = California Department of Toxic Substances Control Human and Ecological Risk
Office Human Health Risk Assessment Note 3 Screening Level for industrial air, dated April 2019
NS indicates no screening level
Bold indicates concentration detected above laboratory method detection limit
Italics indicate duplicate sample
<X or ND = result does not exceed laboratory reporting limit
Highlight indicates sample exceeds one or more applicable screening level

FIGURES

1. Subject Property Location Map
2. Subject Property Plan with Boring Locations

QUADRANGLE LOCATION

N

1,000 0 1,000'

Title:

SITE LOCATION MAP

2042 SOUTH GROVE AVENUE,
ONTARIO, CALIFORNIA

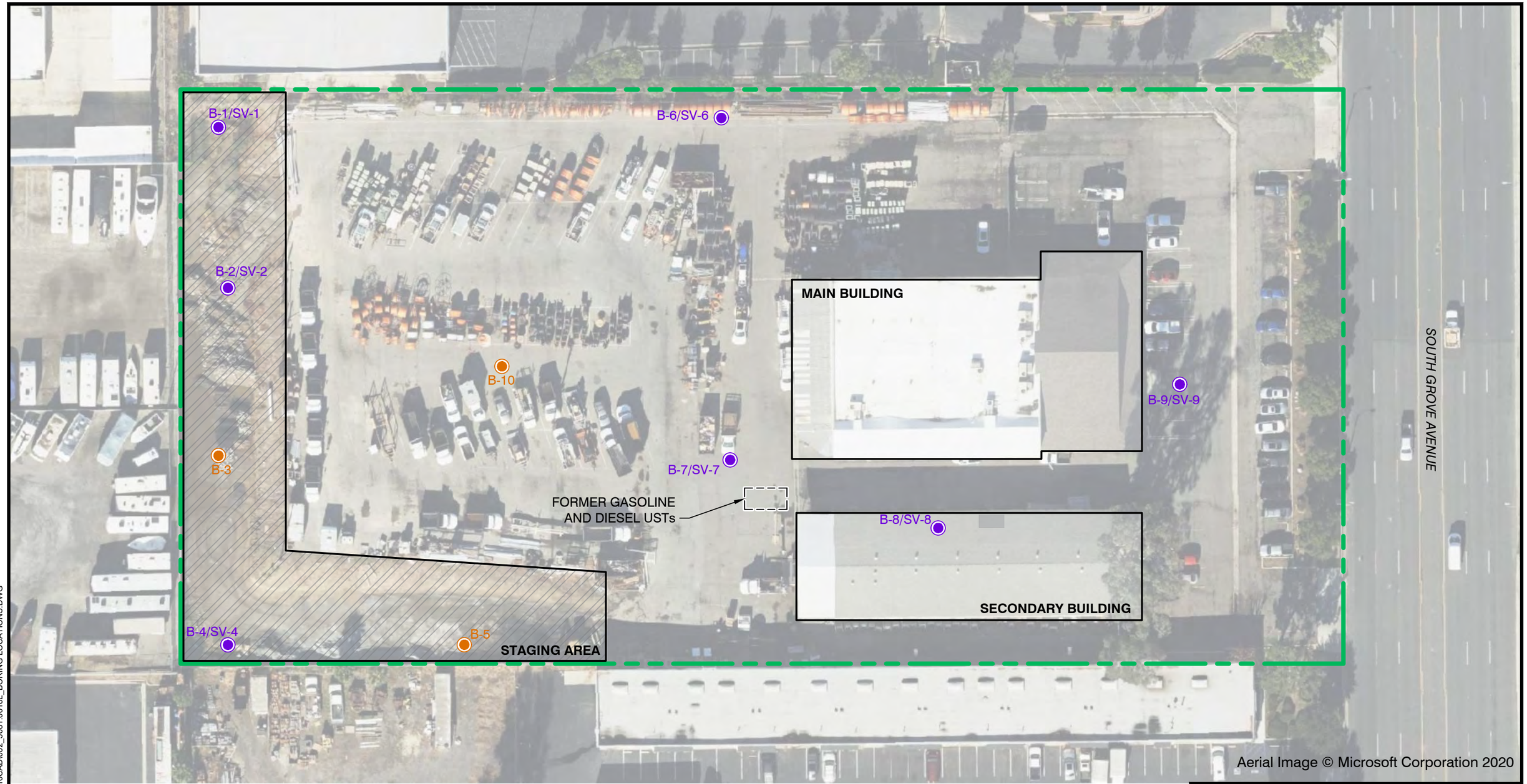
Prepared for:

FIRST INDUSTRIAL REALTY TRUST, INC

ROUX

Compiled by: O.B.	Date: 03/10/22	FIGURE
Prepared by: O.B.	Scale: AS SHOWN	1
Project Mgr: T.W.	Project: 3661.0016L000	
File: Site Location Example.mxd		

\\SRVLACAFP1\LA SHARED\CLIENTS\3661.0016L FIRT GROVE ONTARIO\09GIS\SITE LOCATION EXAMPLE.MXD



LEGEND

- APPROXIMATE SUBJECT PROPERTY BOUNDARY
- B-3 SOIL SAMPLING LOCATION
- B-1/SV-1 SOIL AND SOIL VAPOR SAMPLING LOCATION

NOTES

LOCATIONS OF FORMER GASOLINE AND DIESEL USTs ARE APPROXIMATE AND BASED ON THE SAN BERNARDINO COUNTY FIRE DEPARTMENT RECORDS.

N

50' 0 50'

Title:

SOIL AND SOIL VAPOR SAMPLING LOCATIONS

2042 SOUTH GROVE AVENUE
ONTARIO, CALIFORNIA

Prepared for:
FIRST INDUSTRIAL REALTY TRUST, INC

ROUX

Compiled by: A.F.	Date: 2 MAY 2022	FIGURE
Prepared by: A.T.	Scale: AS SHOWN	2
Project Mgr: P.A.S.	Project: 3661.0016L000	
File: 002_3661.0016L_BORING LOCATIONS.DWG		

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APPENDICES

A. Soil Boring Logs

B. Analytical Laboratory Reports

APPENDIX A

Soil Boring Logs

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

5150 E. Pacific Coast Highway, Suite 450
Long Beach, California 90804
Telephone: (310) 879 - 4900

BORING LOG

WELL NO. **B-1**	NORTHING **Not Measured**	EASTING **Not Measured**		
PROJECT NO./NAME **3661.0016L / FIRT Ontario**		LOCATION **2042 South Grove Avenue Ontario, California**		
APPROVED BY	LOGGED BY **Ian Cross**			
DRILLING CONTRACTOR/DRILLER **ABC Liovin / Emanuel**		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE **2.25 Drive Sampler**	BOREHOLE DIAMETER **3.25"/2.25"**	DRILLING EQUIPMENT/METHOD **Macro Core / HA/Geoprobe**	SAMPLING METHOD **2" Macro-Core**	START-FINISH DATE **4/14/22-4/14/22**
CASING MAT./DIA. **Nylaflow / 1/4"**	SCREEN: TYPE **Probe**	MAT. **Polyethylene** TOTAL LENGTH **0.4** ft	DIA. **1/4"**	SLOT SIZE **Permeable**
ELEVATION OF: GROUND SURFACE (Feet)			GRAVEL PACK SIZES **#3 Sand**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Stockpiled soiled soil (approximately 5 feet above grade): sands, and silt, non-plastic, grayish brown, moist.		0.0	Hand auger to 5 feet below ground surface (bgs).
				0.0	0 through 5 feet through stockpiled material.
		FILL: silty material, brown (10YR 4/3), moist.		0.0	
5		FILL: silt, sand, and gravel.		0.0	Boring diameter to 5 feet is 3.25-inches.
				0.9	
		Poorly graded sand (SP): yellowish brown (10YR 5/6), moist, no odor.		0.0	Direct push from 5 to 20 ft. bgs
10				0.0	
		SILT (ML): olive brown (2.5Y 4/4), moist, non-plastic, no odor.		0.0	
		Poorly Graded SAND with Silt (SP-SM): olive brown (2.5Y 4/4), moist, 90% fine sand, 10% silt, non-plastic, no odor.			
15		Poorly Graded SAND (SP): light olive brown (2.5Y 5/6), moist, fine to medium sand, trace fines, no odor.		0.0	Boring diameter at 5 and 20 ft is 2.25-inches.
20		Well Graded SAND (SW): pale olive (5Y 6/3), fine to coarse sand, 5 to 10% sub-angular to sub-rounded gravel to 17 mm, trace fines, no odor.		0.0	

Dry Bentonite
Sand
1-inch permeable poly probe
Hydrated bentonite
Dry granular bentonite
Sand

NOTES:

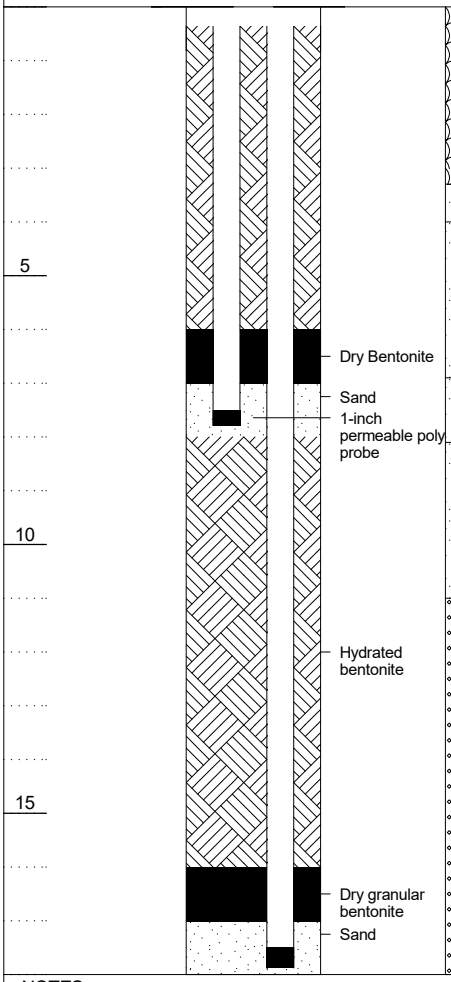
BORING/FEET CMC_BORING LOGS.GPJ ROUX.GDT 5/1/22

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

5150 E. Pacific Coast Highway, Suite 450
Long Beach, California 90804
Telephone: (310) 879 - 4900

BORING LOG

WELL NO. **B-2**	NORTHING **Not Measured**	EASTING **Not Measured**		
PROJECT NO./NAME **3661.0016L / FIRT Ontario**		LOCATION **2042 South Grove Avenue Ontario, California**		
APPROVED BY	LOGGED BY **Ian Cross**			
DRILLING CONTRACTOR/DRILLER **ABC Liovin / Emanuel**		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE **2.25 Drive Sampler**	BOREHOLE DIAMETER **3.25"/2.25"**	DRILLING EQUIPMENT/METHOD **Macro Core / HA/Geoprobe**	SAMPLING METHOD **2" Macro-Core**	START-FINISH DATE **4/14/22-4/14/22**
CASING MAT./DIA. **Nylaflow / 1/4"**	SCREEN: TYPE **Probe**	MAT. **Polyethylene** TOTAL LENGTH **0.4** ft	DIA. **1/4"**	SLOT SIZE **Permeable**
ELEVATION OF: (Feet) GROUND SURFACE			GRAVEL PACK SIZES **#3 Sand**	



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		FILL: stockpiled soil, silt, sand, gravel, and trace asphalt bits, no odor		0.3	Hand auger to 5 feet below ground surface (bgs) is 3.25-inch dieameter.
				0.7	0 to 3 feet through stockpiled material
		FILL: stockpiled soil, silt, sand, gravel, and trace asphalt bits, no odor			
		Road base			
5		Poorly graded sand (SP): brown (10YR 4/3), moist, very fine sand, trace fines, no odor.		0.0	Boring diameter at 8 ft is 2.25-inches. 5
		Poorly graded sand (SP): olive brown (10YR 4/4), moist, very fine sand, trace fines, no odor.		0.0	
		Poorly graded sand (SP): light olive brown (10YR 5/4), moist, very fine sand, trace sub-angular to sub-rounded gravel to 7 mm, trace fines, no odor.			Direct push from 5 to 18 ft. bgs
10					10
		Well Graded SAND (SW): pale olive (5Y 6/3), fine to coarse sand, trace fines, 5% sub-angular to sub-rounded gravel, no odor.		0.0	
				0.0	
15				0.0	Boring diameter at 18 ft is 2.25-inches. 15
				0.0	

NOTES:

BORING/FEET CMC_BORING LOGS.GPJ ROUX.GDT 5/1/22

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

5150 E. Pacific Coast Highway, Suite 450
Long Beach, California 90804
Telephone: (310) 879 - 4900

BORING LOG

WELL NO.	NORTHING	EASTING		
B-3	**Not Measured**	**Not Measured**		
PROJECT NO./NAME		LOCATION		
3661.0016L / FIRT Ontario		**2042 South Grove Avenue**		
APPROVED BY	LOGGED BY	**Ontario, California**		
	Ian Cross			
DRILLING CONTRACTOR/DRILLER		GEOGRAPHIC AREA		
ABC Liovin / Emanuel				
DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2.25 Drive Sampler	**3.25"/2.25"**	**Macro Core / HA/Geoprobe**	**2" Macro-Core**	**4/14/22-4/14/22**
LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL		
Not Measured	**N/A (Feet BLS)**	**Hydrated Bentonite**		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Stockpiled soil: sand, silt, and gravel, yellowish brown, no odor		1.4	Hand auger to 5 feet below ground surface (bgs).
				7.4	
		FILL: stockpiled soil, silt, sand, gravel, and trace asphalt bits (to 4 mm), no odor			0 to 7 feet through stockpiled material
5		FILL: stockpiled soil, silt, sand, gravel, and trace asphalt bits, trace silt, no odor		3.4	5
		FILL: stockpiled soil, silt, sand, gravel, and trace asphalt bits, trace silt, no odor		3.9	
		Poorly graded sand (SP): yellowish brown (10YR 5/4), moist, fine sand, trace coarse sand, trace fines, no odor.		0.0	Direct push from 5 to 22 ft. bgs
10		Poorly graded sand (SP): light olive brown (10YR 5/4), moist, fine sand, trace coarse sand, trace fines, no odor.		0.0	10
		Sandy SILT (ML): olive brown (2.5Y 4/4), moist, 10% very fine sand, 90% silt, non-plastic, no odor.		0.0	
		Well Graded SAND with gravel (SW): no odor.		0.0	
15		Poorly graded sand (SP): light olive brown, no odor.		0.0	15
		Well Graded SAND (SW): pale olive (5Y 6/3), fine to coarse sand, trace fines, 5% angular to sub-rounded gravel to 16 mm, no odor.		0.0	
20		Poorly graded sand (SP): pale olive (5Y 6/3), moist, fine to medium sand, trace fines, no odor.		0.0	20

NOTES:

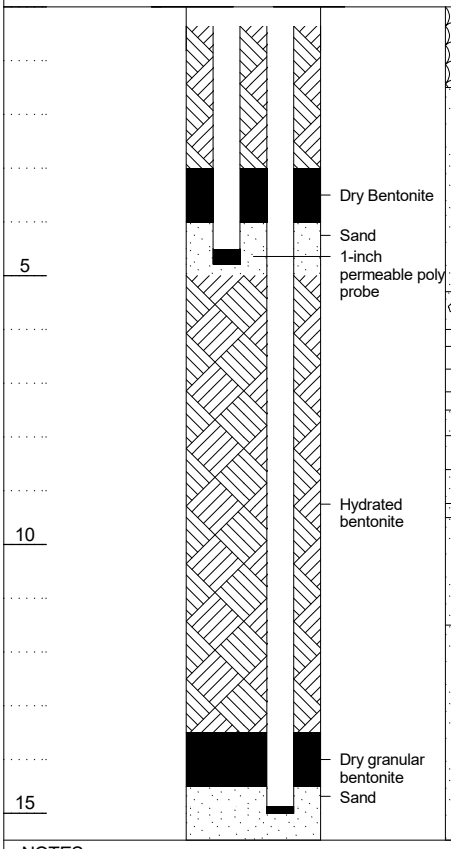
BORING/FEET CMC_BORING LOGS.GPJ ROUX.GDT 5/1/22

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

5150 E. Pacific Coast Highway, Suite 450
Long Beach, California 90804
Telephone: (310) 879 - 4900

BORING LOG

WELL NO. **B-4**	NORTHING **Not Measured**	EASTING **Not Measured**		
PROJECT NO./NAME **3661.0016L / FIRT Ontario**		LOCATION **2042 South Grove Avenue Ontario, California**		
APPROVED BY	LOGGED BY **Ian Cross**			
DRILLING CONTRACTOR/DRILLER **ABC Liovin / Emanuel**		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE **2.25 Drive Sampler**	BOREHOLE DIAMETER **3.25"/2.25"**	DRILLING EQUIPMENT/METHOD **Macro Core / HA/Geoprobe**	SAMPLING METHOD **2" Macro-Core**	START-FINISH DATE **4/14/22-4/14/22**
CASING MAT./DIA. **Nylaflow / 1/4"**	SCREEN: TYPE **Probe**	MAT. **Polyethylene** TOTAL LENGTH **0.1** ft	DIA. **1/4"**	SLOT SIZE **Permeable**
ELEVATION OF: GROUND SURFACE (Feet)			GRAVEL PACK SIZES **#3 Sand**	



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		FILL: Silty sand with gravel, no odor		0.0	Hand auger to 5 feet below ground surface (bgs).
				0.0	
		Poorly graded sand (SP): yellowish brown (10YR 5/4), moist, fine sand, trace coarse sand, trace fines, no odor.		0.0	
5		Poorly graded sand (SP): light olive brown (10YR 5/4), moist, fine sand, trace coarse sand, trace fines, no odor.		0.0	Boring diameter for 5 foot probe is 3.25-inches.
		Poorly Graded Gravely SAND (SPG): light olive brown, no odor.			
		Well Graded SAND with gravel (SW): no odor.		0.0	
		Silty SAND (SM): yellowish brown (10YR 5/6), moist, 85% fine sand, 15% silt, non-plastic, no odor.		0.0	Direct push from 5 to 25 ft. bgs
10		Poorly graded sand (SP): pale brown (10YR 6/3), moist, fine sand, no odor.		0.0	
		Poorly graded sand (SP): yellowish brown (10YR 5/4), moist, fine to medium sand, trace sub-angular to sub-rounded gravel to 16 mm, no odor.		0.0	
15				0.0	Boring diameter at 15 and 25 ft is 2.25-inches.

NOTES:

BORING/FEET CMC_BORING LOGS.GPJ ROUX.GDT 5/1/22

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

5150 E. Pacific Coast Highway, Suite 450
Long Beach, California 90804
Telephone: (310) 879 - 4900

BORING LOG

WELL NO.	NORTHING	EASTING
B-5	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
3661.0016L / FIRT Ontario	**2042 South Grove Avenue**
APPROVED BY	LOGGED BY
	Ian Cross
	Ontario, California

DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA
ABC Liovin / Chris	

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2.25 Drive Sampler	**3.25"/2.25"**	**Macro Core / HA/Geoprobe**	**2" Macro-Core**	**4/13/22-4/13/22**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**N/A (Feet BLS)**	**Hydrated Bentonite**

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Road base: 4-inches thick			Hand auger to 5 feet below ground surface (bgs).
		FILL: soil and asphalt mix: loose mix of material, tar odor.		34	
				9.3	
		FILL: sandy SILT with gravel, slight asphalt tar odor.		13.6	
		SAND with Silt (SP): brown (10YR 5/3), moist, trace fine, faint odor.		2.1	
5				1.1	Boring diameter for 5 foot probe is 3.25-inches.
				0.0	
					Direct push from 5 to 15 ft. bgs
		SILT with Sand (ML): light olive brown (2.5Y 5/4), moist, no odor.			
10				0.0	
		Poorly Graded Sand with gravel (SP): light yellowish brown (10YR 5/4), moist, fine to medium sand, 5 to 10% sub-angular to sub-rounded gravel to 16 mm, trace fines, no odor.		0.0	
15				0.0	Boring diameter at 15 ft is 2.25-inches.

NOTES:

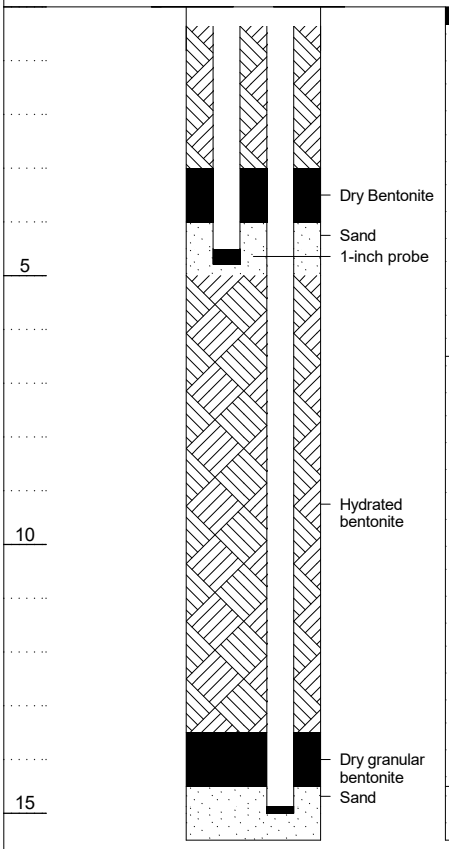
BORING/FEET CMC_BORING LOGS.GPJ ROUX.GDT 5/1/22

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

5150 E. Pacific Coast Highway, Suite 450
Long Beach, California 90804
Telephone: (310) 879 - 4900

BORING LOG

WELL NO. **B-6**	NORTHING **Not Measured**	EASTING **Not Measured**		
PROJECT NO./NAME **3661.0016L / FIRT Ontario**		LOCATION **2042 South Grove Avenue Ontario, California**		
APPROVED BY	LOGGED BY **Ian Cross**			
DRILLING CONTRACTOR/DRILLER **ABC Liovin / Chris**		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE **2.25 Drive Sampler**	BOREHOLE DIAMETER **3.25"/2.25"**	DRILLING EQUIPMENT/METHOD **Macro Core / HA/Geoprobe**	SAMPLING METHOD **2" Macro-Core**	START-FINISH DATE **4/13/22-4/13/22**
CASING MAT./DIA. **Nylaflow / 1/4"**	SCREEN: TYPE **Probe**	MAT. **Polyethylene** TOTAL LENGTH **0.1** ft	DIA. **1/4"**	SLOT SIZE **Permeable**
ELEVATION OF: GROUND SURFACE (Feet)			GRAVEL PACK SIZES **#3 Sand**	



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Asphalt: 6-inches thick.			Hand auger to 5 feet below ground surface (bgs).
		Poorly Graded SAND (SP): brown (10YR 4/3), moist, 95% fine sand, 5% fine gravel, trace silt, no odor.		0.0	
		Poorly Graded SAND (SP): light olive brown (2.5Y 5/4), moist, very fine sand, trace gravel, trace fine, no odor.		0.0	
5					Boring diameter for 5 foot probe is 3.25-inches.
		Poorly Graded SAND (SP): light olive brown (2.5Y 5/6), moist, fine sand, trace fine, no odor.		0.0	Direct push from 5 to 15.5 ft. bgs
10				0.0	
15		Poorly Graded SAND (SP): pale brown (10YR 6/3), moist, fine to medium sand, trace fines, no odor.		0.0	Boring diameter at 15 ft is 2.25-inches.

NOTES:

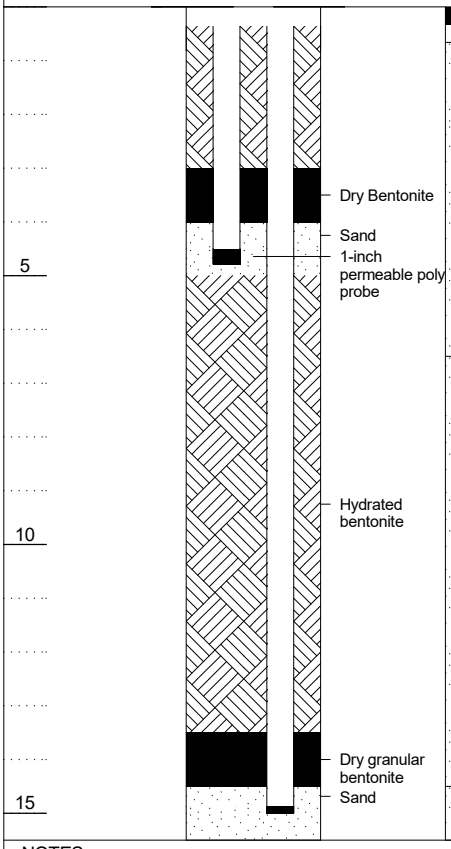
BORING/FEET CMC_BORING LOGS.GPJ ROUX.GDT 5/1/22

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

5150 E. Pacific Coast Highway, Suite 450
Long Beach, California 90804
Telephone: (310) 879 - 4900

BORING LOG

WELL NO. **B-7**	NORTHING **Not Measured**	EASTING **Not Measured**		
PROJECT NO./NAME **3661.0016L / FIRT Ontario**		LOCATION **2042 South Grove Avenue Ontario, California**		
APPROVED BY	LOGGED BY **Ian Cross**			
DRILLING CONTRACTOR/DRILLER **ABC Liovin / Chris**		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE **2.25 Drive Sampler**	BOREHOLE DIAMETER **3.25"/2.25"**	DRILLING EQUIPMENT/METHOD **Macro Core / HA/Geoprobe**	SAMPLING METHOD **2" Macro-Core**	START-FINISH DATE **4/13/22-4/13/22**
CASING MAT./DIA. **Nylaflow / 1/4"**	SCREEN: TYPE **Probe**	MAT. **Polyethylene** TOTAL LENGTH **0.1** ft	DIA. **1/4"**	SLOT SIZE **Permeable**
ELEVATION OF: GROUND SURFACE (Feet)			GRAVEL PACK SIZES **#3 Sand**	



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Asphalt: 6-inches thick.			Hand auger to 5 feet below ground surface (bgs).
		Road base: 4-inches thick.		0.0	
		Poorly Graded SAND (SP): light olive brown (2.5Y 5/), moist, fine sand, 5% sub-angular gravel, trace fines, no odor.			
		Poorly Graded SAND (SP): light olive brown (2.5Y 5/4), moist, fine sand, trace angular coarse sand, trace fine, no odor.		0.0	
5				0.0	Boring diameter for 5 foot probe is 3.25-inches.
		Poorly Graded SAND (SP): light olive brown (2.5Y 5/6), moist, fine sand, trace fines, no odor.			Direct push from 5 to 15.5 ft. bgs
10				0.0	
15		Poorly Graded SAND (SP): light yellowish brown (10YR 5/4), moist, very fine sand, trace fines, no odor.		0.0	Boring diameter at 15 ft is 2.25-inches.

NOTES:

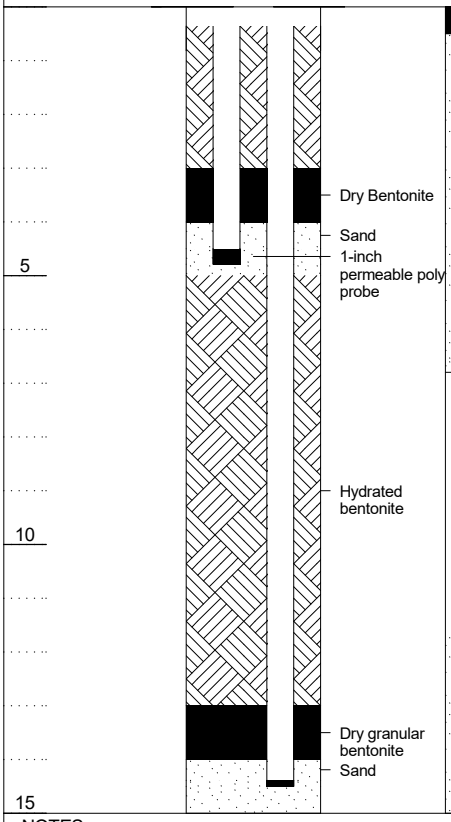
BORING/FEET CMC_BORING LOGS.GPJ ROUX.GDT 5/1/22

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

5150 E. Pacific Coast Highway, Suite 450
Long Beach, California 90804
Telephone: (310) 879 - 4900

BORING LOG

WELL NO. **B-8**	NORTHING **Not Measured**	EASTING **Not Measured**		
PROJECT NO./NAME **3661.0016L / FIRT Ontario**		LOCATION **2042 South Grove Avenue Ontario, California**		
APPROVED BY	LOGGED BY **Ian Cross**			
DRILLING CONTRACTOR/DRILLER **ABC Liovin / Chris**		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE **2.25 Drive Sampler**	BOREHOLE DIAMETER **3.25"/2.25"**	DRILLING EQUIPMENT/METHOD **Macro Core / HA/Geoprobe**	SAMPLING METHOD **2" Macro-Core**	START-FINISH DATE **4/13/22-4/13/22**
CASING MAT./DIA. **Nylaflow / 1/4"**	SCREEN: TYPE **Probe**	MAT. **Polyethylene** TOTAL LENGTH **0.4** ft	DIA. **1/4"**	SLOT SIZE **Permeable**
ELEVATION OF: GROUND SURFACE (Feet)			GRAVEL PACK SIZES **#3 Sand**	



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Asphalt: 6-inches thick.			Hand auger to 5 feet below ground surface (bgs).
		Poorly Graded SAND (SP): light olive brown, moist, very fine sand, trace medium, trace fines, no odor.		0.2	
				0.2	
5				0.0	Boring diameter for 5 foot probe is 3.25-inches.
		Poorly Graded SAND (SP): light olive brown (2.5Y 5/6), moist, fine sand, trace fine, no odor.			Direct push from 5 to 15.5 ft. bgs
10				0.0	
		Poorly Graded SAND (SP): light yellowish brown (10YR), moist, fine sand, clean, loose, no odor.			
15				0.0	Boring diameter at 15 ft is 2.25-inches.

NOTES:

BORING/FEET CMC_BORING LOGS.GPJ ROUX.GDT 5/1/22

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

5150 E. Pacific Coast Highway, Suite 450
Long Beach, California 90804
Telephone: (310) 879 - 4900

BORING LOG

WELL NO. **B-9**	NORTHING **Not Measured**	EASTING **Not Measured**		
PROJECT NO./NAME **3661.0016L / FIRT Ontario**		LOCATION **2042 South Grove Avenue Ontario, California**		
APPROVED BY	LOGGED BY **Ian Cross**			
DRILLING CONTRACTOR/DRILLER **ABC Liovin / Chris**		GEOGRAPHIC AREA		
DRILL BIT DIAMETER/TYPE **2.25 Drive Sampler**	BOREHOLE DIAMETER **3.25"/2.25"**	DRILLING EQUIPMENT/METHOD **Macro Core / HA/Geoprobe**	SAMPLING METHOD **2" Macro-Core**	START-FINISH DATE **4/13/22-4/13/22**
CASING MAT./DIA. **Nylaflow / 1/4"**	SCREEN: TYPE **Probe**	MAT. **Polyethylene** TOTAL LENGTH **0.1** ft	DIA. **1/4"**	SLOT SIZE **Permeable**
ELEVATION OF: GROUND SURFACE (Feet)			GRAVEL PACK SIZES **#3 Sand**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Asphalt: 6-inches thick.			Hand auger to 5 feet below ground surface (bgs).
		Road base: 4-inches thick.		0.0	
		Poorly Graded SAND (SP): light olive brown (2.5Y 5/), moist, trace fines, no odor.			
				0.0	
		Poorly Graded SAND (SP): dark yellowish brown (10YR 4/4), moist, fine sand, trace fines, no odor.			
					Boring diameter for 5 foot probe is 3.25-inches.
5		Poorly Graded SAND (SP): pale brown (2.5Y 7/3), moist, fine to medium sand, trace angular to sub-angular gravel 8 mm, trace fines, no odor.			5
				0.0	Direct push from 5 to 15.5 ft. bgs
10					10
		Poorly Graded SAND (SP): light olive brown (2.5Y 5/8), moist, fine sand, trace fines, no odor.		0.0	
15				0.0	Boring diameter at 15 ft is 2.25-inches. 15

Dry Bentonite
Sand
1-inch permeable poly probe
Hydrated bentonite
Dry granular bentonite
Sand

NOTES:

BORING/FEET CMC_BORING LOGS.GPJ ROUX.GDT 5/1/22

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

5150 E. Pacific Coast Highway, Suite 450
Long Beach, California 90804
Telephone: (310) 879 - 4900

BORING LOG

WELL NO.	NORTHING	EASTING
B-10	**Not Measured**	**Not Measured**

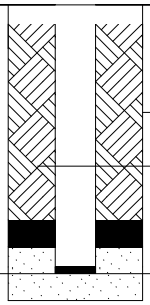
PROJECT NO./NAME	LOCATION
3661.0016L / FIRT Ontario	**2042 South Grove Avenue**
APPROVED BY	LOGGED BY: **Ian Cross** — **Ontario, California**
DRILLING CONTRACTOR/DRILLER: **ABC Liovin / Chris**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
3.25 Hand Auger	**3.25"/2.25"**	**Hand Auger / HA**	**2" Macro-Core**	**4/13/22-4/13/22**

CASING MAT./DIA.: **Nylaflow / 1/4"** — SCREEN: TYPE **Probe** MAT. **Polyethylene** TOTAL LENGTH **0.4** ft DIA. **1/4"** SLOT SIZE **Permeable**

ELEVATION OF: GROUND SURFACE (Feet) — GRAVEL PACK SIZES: **#3 Sand**

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Asphalt: 4.5-inches thick.			Hand auger to 5 feet below ground surface (bgs).
		Sandy SILT (ML): brown (10YR 5/3), moist, 10% fine sand, no odor.		0.0	
		Silty SAND (SM): brown (10YR 5/3), 85% fine sand, 15% silt, no odor		0.0	
5		Sandy SILT (ML): light olive brown (2.5Y 5/6), 10% very fine sand, no odor		0.0	Boring diameter for 5 foot probe is 3.25-inches.



NOTES:

BORING/FEET CMC_BORING LOGS.GPJ ROUX.GDT 5/1/22

APPENDIX B

Analytical Laboratory Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-92602-1
Client Project/Site: First Industrial-Ontario / 3661.0016L

For:
Roux Associates, Inc.
5150 E Pacific Coast Highway
Suite 450
Long Beach, California 90804

Attn: David Smith

Virendra R Patel

Authorized for release by:
4/21/2022 9:19:54 AM

Virendra Patel, Project Manager I
(714)895-5494
Virendra.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: Roux Associates, Inc. Job ID: 570-92602-1
Project/Site: First Industrial-Ontario / 3661.0016L

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-92602-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-92602-1

Comments
No additional comments.

Receipt
The samples were received on 4/13/2022 6:13 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.9º C.

Receipt Exceptions

The following sample was listed on the Chain of Custody (COC); however, no sample was received: B-9-1 (570-92602-5).

The clients office was contacted with the above sample receipt anomalies. The laboratory was provided written direction on how to proceed, please refer to the COC section of the report for further details.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-227330.The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-227414. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-227596. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries of Antimony for preparation batch 440-671138 and analytical batch 440-671213 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for Zinc and Antimonypreparation batch 440-671137 and analytical batch 440-671269 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92602-1

Client Sample ID: B-8-1 — Lab Sample ID: 570-92602-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	37		18		ug/Kg	1		8260B	Total/NA
C21-C22	7.1		5.0		mg/Kg	1		8015B	Total/NA
C23-C24	8.1		5.0		mg/Kg	1		8015B	Total/NA
C25-C28	28		5.0		mg/Kg	1		8015B	Total/NA
C29-C32	40		5.0		mg/Kg	1		8015B	Total/NA
C33-C36	31		5.0		mg/Kg	1		8015B	Total/NA
C37-C40	23		5.0		mg/Kg	1		8015B	Total/NA
C41-C44	12		5.0		mg/Kg	1		8015B	Total/NA
C6-C44	160		5.0		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	51		5.0		mg/Kg	1		8015B	Total/NA
Barium	87.0		2.97		mg/L	5		6010B	Total/NA
Nickel	9.42		1.98		mg/L	5		6010B	Total/NA
Vanadium	35.1		0.990		mg/L	5		6010B	Total/NA
Arsenic	3.24		2.97		mg/L	5		6010B	Total/NA
Copper	10.7		1.98		mg/L	5		6010B	Total/NA
Lead	11.1		1.98		mg/L	5		6010B	Total/NA
Zinc	60.8		4.95		mg/L	5		6010B	Total/NA
Chromium	15.9		0.990		mg/L	5		6010B	Total/NA
Cobalt	6.55		0.990		mg/L	5		6010B	Total/NA

Client Sample ID: B-8-5 — Lab Sample ID: 570-92602-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	29		17		ug/Kg	1		8260B	Total/NA
C25-C28	8.1		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	7.9		4.9		mg/Kg	1		8015B	Total/NA
C37-C40	6.3		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	47		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	19		4.9		mg/Kg	1		8015B	Total/NA
Barium	77.1		2.96		mg/L	5		6010B	Total/NA
Nickel	10.7		1.97		mg/L	5		6010B	Total/NA
Vanadium	34.1		0.985		mg/L	5		6010B	Total/NA
Arsenic	3.18		2.96		mg/L	5		6010B	Total/NA
Copper	12.2		1.97		mg/L	5		6010B	Total/NA
Lead	2.73		1.97		mg/L	5		6010B	Total/NA
Zinc	37.7		4.93		mg/L	5		6010B	Total/NA
Chromium	17.0		0.985		mg/L	5		6010B	Total/NA
Cobalt	7.00		0.985		mg/L	5		6010B	Total/NA

Client Sample ID: B-8-15 — Lab Sample ID: 570-92602-4

No Detections.

Client Sample ID: B-9-5 — Lab Sample ID: 570-92602-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	26.8		3.05		mg/L	5		6010B	Total/NA
Nickel	6.55		2.03		mg/L	5		6010B	Total/NA
Vanadium	18.4		1.02		mg/L	5		6010B	Total/NA
Copper	10.1		2.03		mg/L	5		6010B	Total/NA
Lead	2.07		2.03		mg/L	5		6010B	Total/NA
Zinc	23.7		5.08		mg/L	5		6010B	Total/NA
Chromium	8.59		1.02		mg/L	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample ID: B-9-5 (Continued) — Lab Sample ID: 570-92602-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	4.31		1.02		mg/L	5		6010B	Total/NA

Client Sample ID: B-9-15 — Lab Sample ID: 570-92602-8

No Detections.

Client Sample ID: B-7-1 — Lab Sample ID: 570-92602-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C17-C18	10		4.9		mg/Kg	1		8015B	Total/NA
C19-C20	11		4.9		mg/Kg	1		8015B	Total/NA
C21-C22	19		4.9		mg/Kg	1		8015B	Total/NA
C23-C24	33		4.9		mg/Kg	1		8015B	Total/NA
C25-C28	130		4.9		mg/Kg	1		8015B	Total/NA
C29-C32	200		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	160		4.9		mg/Kg	1		8015B	Total/NA
C37-C40	110		4.9		mg/Kg	1		8015B	Total/NA
C41-C44	53		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	720		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	200		4.9		mg/Kg	1		8015B	Total/NA
Barium	72.6		3.03		mg/L	5		6010B	Total/NA
Nickel	10.2		2.02		mg/L	5		6010B	Total/NA
Vanadium	32.8		1.01		mg/L	5		6010B	Total/NA
Arsenic	3.36		3.03		mg/L	5		6010B	Total/NA
Copper	10.8		2.02		mg/L	5		6010B	Total/NA
Lead	4.46		2.02		mg/L	5		6010B	Total/NA
Zinc	37.6		5.05		mg/L	5		6010B	Total/NA
Chromium	16.2		1.01		mg/L	5		6010B	Total/NA
Cobalt	6.59		1.01		mg/L	5		6010B	Total/NA

Client Sample ID: B-7-5 — Lab Sample ID: 570-92602-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	17		16		ug/Kg	1		8260B	Total/NA
Barium	86.6		3.03		mg/L	5		6010B	Total/NA
Nickel	9.94		2.02		mg/L	5		6010B	Total/NA
Vanadium	34.2		1.01		mg/L	5		6010B	Total/NA
Copper	10.5		2.02		mg/L	5		6010B	Total/NA
Lead	2.99		2.02		mg/L	5		6010B	Total/NA
Zinc	38.9		5.05		mg/L	5		6010B	Total/NA
Chromium	16.8		1.01		mg/L	5		6010B	Total/NA
Cobalt	6.68		1.01		mg/L	5		6010B	Total/NA

Client Sample ID: B-7-5-D — Lab Sample ID: 570-92602-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	86.8		3.06		mg/L	5		6010B	Total/NA
Nickel	9.96		2.04		mg/L	5		6010B	Total/NA
Vanadium	34.1		1.02		mg/L	5		6010B	Total/NA
Copper	11.1		2.04		mg/L	5		6010B	Total/NA
Lead	3.25		2.04		mg/L	5		6010B	Total/NA
Zinc	38.1		5.10		mg/L	5		6010B	Total/NA
Chromium	16.4		1.02		mg/L	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-7-5-D (Continued) — Lab Sample ID: 570-92602-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	6.68		1.02		mg/L	5		6010B	Total/NA

Client Sample ID: B-7-15 — Lab Sample ID: 570-92602-13

No Detections.

Client Sample ID: B-6-1 — Lab Sample ID: 570-92602-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C25-C28	5.7		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	6.6		4.9		mg/Kg	1		8015B	Total/NA
C37-C40	5.0		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	34		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	9.5		4.9		mg/Kg	1		8015B	Total/NA
Barium	49.1		3.06		mg/L	5		6010B	Total/NA
Nickel	9.20		2.04		mg/L	5		6010B	Total/NA
Vanadium	26.4		1.02		mg/L	5		6010B	Total/NA
Copper	11.0		2.04		mg/L	5		6010B	Total/NA
Lead	2.79		2.04		mg/L	5		6010B	Total/NA
Zinc	30.6		5.10		mg/L	5		6010B	Total/NA
Chromium	14.1		1.02		mg/L	5		6010B	Total/NA
Cobalt	6.14		1.02		mg/L	5		6010B	Total/NA

Client Sample ID: B-6-5 — Lab Sample ID: 570-92602-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	22		18		ug/Kg	1		8260B	Total/NA
Barium	84.8		3.06		mg/L	5		6010B	Total/NA
Nickel	10.2		2.04		mg/L	5		6010B	Total/NA
Vanadium	34.9		1.02		mg/L	5		6010B	Total/NA
Copper	9.59		2.04		mg/L	5		6010B	Total/NA
Lead	7.40		2.04		mg/L	5		6010B	Total/NA
Zinc	41.6		5.10		mg/L	5		6010B	Total/NA
Chromium	16.1		1.02		mg/L	5		6010B	Total/NA
Cobalt	6.16		1.02		mg/L	5		6010B	Total/NA

Client Sample ID: B-6-15 — Lab Sample ID: 570-92602-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	19		18		ug/Kg	1		8260B	Total/NA

Client Sample ID: B-10-1 — Lab Sample ID: 570-92602-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.5		0.94		ug/Kg	1		8260B	Total/NA
C25-C28	120		49		mg/Kg	10		8015B	Total/NA
C29-C32	260		49		mg/Kg	10		8015B	Total/NA
C33-C36	260		49		mg/Kg	10		8015B	Total/NA
C37-C40	240		49		mg/Kg	10		8015B	Total/NA
C41-C44	140		49		mg/Kg	10		8015B	Total/NA
C6-C44	1100		49		mg/Kg	10		8015B	Total/NA
Diesel Range Organics [C10-C28]	170		49		mg/Kg	10		8015B	Total/NA
Barium	60.0		2.96		mg/L	5		6010B	Total/NA
Nickel	8.42		1.97		mg/L	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-10-1 (Continued) — Lab Sample ID: 570-92602-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	24.1		0.985		mg/L	5		6010B	Total/NA
Arsenic	3.12		2.96		mg/L	5		6010B	Total/NA
Copper	10.2		1.97		mg/L	5		6010B	Total/NA
Lead	3.33		1.97		mg/L	5		6010B	Total/NA
Zinc	30.1		4.93		mg/L	5		6010B	Total/NA
Chromium	12.3		0.985		mg/L	5		6010B	Total/NA
Cobalt	5.32		0.985		mg/L	5		6010B	Total/NA

Client Sample ID: B-10-1-D — Lab Sample ID: 570-92602-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C25-C28	27		9.8		mg/Kg	2		8015B	Total/NA
C29-C32	56		9.8		mg/Kg	2		8015B	Total/NA
C33-C36	52		9.8		mg/Kg	2		8015B	Total/NA
C37-C40	48		9.8		mg/Kg	2		8015B	Total/NA
C41-C44	31		9.8		mg/Kg	2		8015B	Total/NA
C6-C44	230		9.8		mg/Kg	2		8015B	Total/NA
Diesel Range Organics [C10-C28]	41		9.8		mg/Kg	2		8015B	Total/NA
Barium	79.7		2.97		mg/L	5		6010B	Total/NA
Nickel	13.1		1.98		mg/L	5		6010B	Total/NA
Vanadium	35.1		0.990		mg/L	5		6010B	Total/NA
Arsenic	4.69		2.97		mg/L	5		6010B	Total/NA
Copper	13.8		1.98		mg/L	5		6010B	Total/NA
Lead	5.88		1.98		mg/L	5		6010B	Total/NA
Zinc	38.5		4.95		mg/L	5		6010B	Total/NA
Chromium	17.2		0.990		mg/L	5		6010B	Total/NA
Cobalt	6.71		0.990		mg/L	5		6010B	Total/NA

Client Sample ID: B-10-5 — Lab Sample ID: 570-92602-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.2		0.84		ug/Kg	1		8260B	Total/NA
Toluene	1.4		0.84		ug/Kg	1		8260B	Total/NA
Barium	94.1		3.06		mg/L	5		6010B	Total/NA
Nickel	12.0		2.04		mg/L	5		6010B	Total/NA
Vanadium	39.9		1.02		mg/L	5		6010B	Total/NA
Arsenic	3.66		3.06		mg/L	5		6010B	Total/NA
Copper	14.0		2.04		mg/L	5		6010B	Total/NA
Lead	3.86		2.04		mg/L	5		6010B	Total/NA
Zinc	39.8		5.10		mg/L	5		6010B	Total/NA
Chromium	17.4		1.02		mg/L	5		6010B	Total/NA
Cobalt	8.72		1.02		mg/L	5		6010B	Total/NA
Mercury	0.0883		0.0862		mg/Kg	1		7471A	Total/NA

Client Sample ID: B-5-1 — Lab Sample ID: 570-92602-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	62		19		ug/Kg	1		8260B	Total/NA
C11-C12	190		49		mg/Kg	10		8015B	Total/NA
C13-C14	720		49		mg/Kg	10		8015B	Total/NA
C15-C16	1200		49		mg/Kg	10		8015B	Total/NA
C17-C18	1500		49		mg/Kg	10		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-5-1 (Continued) — Lab Sample ID: 570-92602-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C19-C20	1500		49		mg/Kg	10		8015B	Total/NA
C21-C22	1300		49		mg/Kg	10		8015B	Total/NA
C23-C24	1200		49		mg/Kg	10		8015B	Total/NA
C25-C28	2500		49		mg/Kg	10		8015B	Total/NA
C29-C32	2700		49		mg/Kg	10		8015B	Total/NA
C33-C36	1700		49		mg/Kg	10		8015B	Total/NA
C37-C40	230		49		mg/Kg	10		8015B	Total/NA
C41-C44	280		49		mg/Kg	10		8015B	Total/NA
C6-C44	16000		49		mg/Kg	10		8015B	Total/NA
Diesel Range Organics [C10-C28]	10000		49		mg/Kg	10		8015B	Total/NA
Barium	31.9		3.00		mg/L	5		6010B	Total/NA
Nickel	9.59		2.00		mg/L	5		6010B	Total/NA
Vanadium	17.3		1.00		mg/L	5		6010B	Total/NA
Copper	6.76		2.00		mg/L	5		6010B	Total/NA
Zinc	21.6		5.00		mg/L	5		6010B	Total/NA
Chromium	7.56		1.00		mg/L	5		6010B	Total/NA
Cobalt	3.14		1.00		mg/L	5		6010B	Total/NA

Client Sample ID: B-5-3 — Lab Sample ID: 570-92602-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	25		19		ug/Kg	1		8260B	Total/NA
C19-C20	5.1		4.9		mg/Kg	1		8015B	Total/NA
C25-C28	10		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	9.0		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	67		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	33		4.9		mg/Kg	1		8015B	Total/NA
Barium	88.8		3.00		mg/L	5		6010B	Total/NA
Nickel	9.46		2.00		mg/L	5		6010B	Total/NA
Vanadium	32.1		1.00		mg/L	5		6010B	Total/NA
Arsenic	5.30		3.00		mg/L	5		6010B	Total/NA
Copper	10.8		2.00		mg/L	5		6010B	Total/NA
Lead	9.55		2.00		mg/L	5		6010B	Total/NA
Zinc	42.9		5.00		mg/L	5		6010B	Total/NA
Chromium	16.3		1.00		mg/L	5		6010B	Total/NA
Cobalt	6.15		1.00		mg/L	5		6010B	Total/NA

Client Sample ID: B-5-5 — Lab Sample ID: 570-92602-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	24		18		ug/Kg	1		8260B	Total/NA
C25-C28	7.9		4.9		mg/Kg	1		8015B	Total/NA
C29-C32	9.3		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	5.5		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	46		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	26		4.9		mg/Kg	1		8015B	Total/NA
Barium	93.9		2.94		mg/L	5		6010B	Total/NA
Nickel	9.80		1.96		mg/L	5		6010B	Total/NA
Vanadium	34.3		0.980		mg/L	5		6010B	Total/NA
Arsenic	4.77		2.94		mg/L	5		6010B	Total/NA
Copper	10.8		1.96		mg/L	5		6010B	Total/NA
Lead	14.0		1.96		mg/L	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-5-5 (Continued)

Lab Sample ID: 570-92602-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	48.7		4.90		mg/L	5		6010B	Total/NA
Chromium	16.8		0.980		mg/L	5		6010B	Total/NA
Cobalt	6.51		0.980		mg/L	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-8-1
Date Collected: 04/13/22 08:12
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,1,1-Trichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,1,2-Trichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,1-Dichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,1-Dichloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,1-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,2,3-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,2,3-Trichloropropane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,2,4-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,2-Dibromo-3-Chloropropane	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,2-Dibromoethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,2-Dichlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,2-Dichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,2-Dichloropropane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,3-Dichlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,3-Dichloropropane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
1,4-Dichlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
2,2-Dichloropropane	ND		4.5		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
2-Butanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
2-Chlorotoluene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
2-Hexanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
4-Chlorotoluene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
4-Methyl-2-pentanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Acetone	**37**		18		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Benzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Bromobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Bromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Bromodichloromethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Bromoform	ND		4.5		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Bromomethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
cis-1,2-Dichloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
cis-1,3-Dichloropropene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Carbon disulfide	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Carbon tetrachloride	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Chlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Chloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Chloroform	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Chloromethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Dibromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Dibromomethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Ethylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Isopropylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Methylene Chloride	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-8-1
Date Collected: 04/13/22 08:12
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
n-Butylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
N-Propylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
o-Xylene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
m,p-Xylene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
p-Isopropyltoluene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
sec-Butylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Styrene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
trans-1,2-Dichloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
tert-Butylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Tetrachloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Toluene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Trichloroethene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Trichlorofluoromethane	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Vinyl acetate	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 14:34	1
Vinyl chloride	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 142*	*04/16/22 08:20*	*04/18/22 14:34*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*04/16/22 08:20*	*04/18/22 14:34*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 123*	*04/16/22 08:20*	*04/18/22 14:34*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/16/22 08:20*	*04/18/22 14:34*	*1*

Client Sample ID: B-8-5
Date Collected: 04/13/22 08:25
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,1,1-Trichloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,1,2-Trichloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,1-Dichloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,1-Dichloroethene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,1-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,2,3-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,2,3-Trichloropropane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,2,4-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,2-Dibromo-3-Chloropropane	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,2-Dibromoethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,2-Dichlorobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,2-Dichloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,2-Dichloropropane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,3-Dichlorobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,3-Dichloropropane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
1,4-Dichlorobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
2,2-Dichloropropane	ND		4.2		ug/Kg		04/16/22 08:20	04/18/22 14:55	1

Client: Roux Associates, Inc.
Job ID: 570-92602-1
Project/Site: First Industrial-Ontario / 3661.0016L

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-8-5
Date Collected: 04/13/22 08:25
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
2-Chlorotoluene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
2-Hexanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
4-Chlorotoluene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
4-Methyl-2-pentanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Acetone	**29**		17		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Benzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Bromobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Bromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Bromodichloromethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Bromoform	ND		4.2		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Bromomethane	ND		17		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
cis-1,2-Dichloroethene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
cis-1,3-Dichloropropene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Carbon disulfide	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Carbon tetrachloride	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Chlorobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Chloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Chloroform	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Chloromethane	ND		17		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Dibromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Dibromomethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Dichlorodifluoromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Ethylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Isopropylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Methylene Chloride	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Naphthalene	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
n-Butylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
N-Propylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
o-Xylene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
m,p-Xylene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
p-Isopropyltoluene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
sec-Butylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Styrene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
trans-1,2-Dichloroethene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
tert-Butylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Tetrachloroethene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Toluene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Trichloroethene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Trichlorofluoromethane	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Vinyl acetate	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 14:55	1
Vinyl chloride	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 142*	*04/16/22 08:20*	*04/18/22 14:55*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*04/16/22 08:20*	*04/18/22 14:55*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 123*	*04/16/22 08:20*	*04/18/22 14:55*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/16/22 08:20*	*04/18/22 14:55*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-8-15
Date Collected: 04/13/22 08:36
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,1,1-Trichloroethane	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.5		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,1,2-Trichloroethane	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,1-Dichloroethane	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,1-Dichloroethene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,1-Dichloropropene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,2-Dibromo-3-Chloropropane	ND		9.5		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,2-Dibromoethane	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,2-Dichlorobenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,2-Dichloroethane	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,2-Dichloropropane	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,3-Dichlorobenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,3-Dichloropropane	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
1,4-Dichlorobenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
2,2-Dichloropropane	ND		4.8		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
2-Butanone	ND		19		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
2-Chlorotoluene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
2-Hexanone	ND		19		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
4-Chlorotoluene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
4-Methyl-2-pentanone	ND		19		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Acetone	ND		19		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Benzene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Bromobenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Bromochloromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Bromodichloromethane	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Bromoform	ND		4.8		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Bromomethane	ND		19		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
cis-1,2-Dichloroethene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
cis-1,3-Dichloropropene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Carbon disulfide	ND		9.5		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Carbon tetrachloride	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Chlorobenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Chloroethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Chloroform	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Chloromethane	ND		19		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Dibromochloromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Dibromomethane	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Ethylbenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Isopropylbenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Methylene Chloride	ND		9.5		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-8-15
Date Collected: 04/13/22 08:36
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.5		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
n-Butylbenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
N-Propylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
o-Xylene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
m,p-Xylene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
p-Isopropyltoluene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
sec-Butylbenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Styrene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
trans-1,2-Dichloroethene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
tert-Butylbenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Tetrachloroethene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Toluene	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Trichloroethene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Trichlorofluoromethane	ND		9.5		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Vinyl acetate	ND		9.5		ug/Kg		04/16/22 08:20	04/18/22 15:15	1
Vinyl chloride	ND		0.95		ug/Kg		04/16/22 08:20	04/18/22 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 142*	*04/16/22 08:20*	*04/18/22 15:15*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*04/16/22 08:20*	*04/18/22 15:15*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 123*	*04/16/22 08:20*	*04/18/22 15:15*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/16/22 08:20*	*04/18/22 15:15*	*1*

Client Sample ID: B-9-5
Date Collected: 04/13/22 09:36
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,1,1-Trichloroethane	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.2		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,1,2-Trichloroethane	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,1-Dichloroethane	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,1-Dichloroethene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,1-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,2,3-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,2,3-Trichloropropane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,2,4-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,2-Dibromo-3-Chloropropane	ND		9.2		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,2-Dibromoethane	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,2-Dichlorobenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,2-Dichloroethane	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,2-Dichloropropane	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,3-Dichlorobenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,3-Dichloropropane	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
1,4-Dichlorobenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
2,2-Dichloropropane	ND		4.6		ug/Kg		04/16/22 08:20	04/18/22 15:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-9-5
Date Collected: 04/13/22 09:36
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
2-Chlorotoluene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
2-Hexanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
4-Chlorotoluene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
4-Methyl-2-pentanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Acetone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Benzene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Bromobenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Bromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Bromodichloromethane	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Bromoform	ND		4.6		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Bromomethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
cis-1,2-Dichloroethene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
cis-1,3-Dichloropropene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Carbon disulfide	ND		9.2		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Carbon tetrachloride	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Chlorobenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Chloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Chloroform	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Chloromethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Dibromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Dibromomethane	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Ethylbenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Isopropylbenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Methylene Chloride	ND		9.2		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Naphthalene	ND		9.2		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
n-Butylbenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
N-Propylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
o-Xylene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
m,p-Xylene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
p-Isopropyltoluene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
sec-Butylbenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Styrene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
trans-1,2-Dichloroethene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
tert-Butylbenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Tetrachloroethene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Toluene	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Trichloroethene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Trichlorofluoromethane	ND		9.2		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Vinyl acetate	ND		9.2		ug/Kg		04/16/22 08:20	04/18/22 15:36	1
Vinyl chloride	ND		0.92		ug/Kg		04/16/22 08:20	04/18/22 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 142*	*04/16/22 08:20*	*04/18/22 15:36*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*04/16/22 08:20*	*04/18/22 15:36*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 123*	*04/16/22 08:20*	*04/18/22 15:36*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*	*04/16/22 08:20*	*04/18/22 15:36*	*1*

Client: Roux Associates, Inc.
Job ID: 570-92602-1
Project/Site: First Industrial-Ontario / 3661.0016L

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-9-15
Date Collected: 04/13/22 09:50
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,1,1-Trichloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,1,2-Trichloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,1-Dichloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,1-Dichloroethene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,1-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,2,3-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,2,3-Trichloropropane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,2,4-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,2-Dibromo-3-Chloropropane	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,2-Dibromoethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,2-Dichlorobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,2-Dichloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,2-Dichloropropane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,3-Dichlorobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,3-Dichloropropane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
1,4-Dichlorobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
2,2-Dichloropropane	ND		4.5		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
2-Butanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
2-Chlorotoluene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
2-Hexanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
4-Chlorotoluene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
4-Methyl-2-pentanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Acetone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Benzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Bromobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Bromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Bromodichloromethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Bromoform	ND		4.5		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Bromomethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
cis-1,2-Dichloroethene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
cis-1,3-Dichloropropene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Carbon disulfide	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Carbon tetrachloride	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Chlorobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Chloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Chloroform	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Chloromethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Dibromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Dibromomethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Ethylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Isopropylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Methylene Chloride	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-9-15
Date Collected: 04/13/22 09:50
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
n-Butylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
N-Propylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
o-Xylene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
m,p-Xylene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
p-Isopropyltoluene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
sec-Butylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Styrene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
trans-1,2-Dichloroethene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
tert-Butylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Tetrachloroethene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Toluene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Trichloroethene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Trichlorofluoromethane	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Vinyl acetate	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:57	1
Vinyl chloride	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 142*	*04/16/22 08:20*	*04/18/22 15:57*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*04/16/22 08:20*	*04/18/22 15:57*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 123*	*04/16/22 08:20*	*04/18/22 15:57*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/16/22 08:20*	*04/18/22 15:57*	*1*

Client Sample ID: B-7-1
Date Collected: 04/13/22 10:26
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,1,1-Trichloroethane	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,1,2-Trichloroethane	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,1-Dichloroethane	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,1-Dichloroethene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,1-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,2,3-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,2,3-Trichloropropane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,2,4-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,2-Dibromo-3-Chloropropane	ND		8.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,2-Dibromoethane	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,2-Dichlorobenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,2-Dichloroethane	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,2-Dichloropropane	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,3-Dichlorobenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,3-Dichloropropane	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
1,4-Dichlorobenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
2,2-Dichloropropane	ND		4.3		ug/Kg		04/16/22 08:20	04/18/22 16:17	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-7-1
Date Collected: 04/13/22 10:26
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
2-Chlorotoluene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
2-Hexanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
4-Chlorotoluene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
4-Methyl-2-pentanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Acetone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Benzene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Bromobenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Bromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Bromodichloromethane	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Bromoform	ND		4.3		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Bromomethane	ND		17		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
cis-1,2-Dichloroethene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
cis-1,3-Dichloropropene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Carbon disulfide	ND		8.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Carbon tetrachloride	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Chlorobenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Chloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Chloroform	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Chloromethane	ND		17		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Dibromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Dibromomethane	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Dichlorodifluoromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Ethylbenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Isopropylbenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Methylene Chloride	ND		8.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Naphthalene	ND		8.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
n-Butylbenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
N-Propylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
o-Xylene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
m,p-Xylene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
p-Isopropyltoluene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
sec-Butylbenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Styrene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
trans-1,2-Dichloroethene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
tert-Butylbenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Tetrachloroethene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Toluene	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Trichloroethene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Trichlorofluoromethane	ND		8.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Vinyl acetate	ND		8.7		ug/Kg		04/16/22 08:20	04/18/22 16:17	1
Vinyl chloride	ND		0.87		ug/Kg		04/16/22 08:20	04/18/22 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 142*	*04/16/22 08:20*	*04/18/22 16:17*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*04/16/22 08:20*	*04/18/22 16:17*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 123*	*04/16/22 08:20*	*04/18/22 16:17*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/16/22 08:20*	*04/18/22 16:17*	*1*

Client: Roux Associates, Inc.
Job ID: 570-92602-1
Project/Site: First Industrial-Ontario / 3661.0016L

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-7-5
Date Collected: 04/13/22 10:43
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,1,1-Trichloroethane	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,1,2,2-Tetrachloroethane	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.2		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,1,2-Trichloroethane	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,1-Dichloroethane	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,1-Dichloroethene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,1-Dichloropropene	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,2,3-Trichlorobenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,2,3-Trichloropropane	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,2,4-Trichlorobenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,2,4-Trimethylbenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,2-Dibromo-3-Chloropropane	ND		8.2		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,2-Dibromoethane	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,2-Dichlorobenzene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,2-Dichloroethane	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,2-Dichloropropane	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,3,5-Trimethylbenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,3-Dichlorobenzene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,3-Dichloropropane	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
1,4-Dichlorobenzene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
2,2-Dichloropropane	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
2-Butanone	ND		16		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
2-Chlorotoluene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
2-Hexanone	ND		16		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
4-Chlorotoluene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
4-Methyl-2-pentanone	ND		16		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Acetone	**17**		16		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Benzene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Bromobenzene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Bromochloromethane	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Bromodichloromethane	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Bromoform	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Bromomethane	ND		16		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
cis-1,2-Dichloroethene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
cis-1,3-Dichloropropene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Carbon disulfide	ND		8.2		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Carbon tetrachloride	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Chlorobenzene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Chloroethane	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Chloroform	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Chloromethane	ND		16		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Dibromochloromethane	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Dibromomethane	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Dichlorodifluoromethane	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Ethylbenzene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Isopropylbenzene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Methylene Chloride	ND		8.2		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-7-5
Date Collected: 04/13/22 10:43
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		8.2		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
n-Butylbenzene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
N-Propylbenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
o-Xylene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
m,p-Xylene	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
p-Isopropyltoluene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
sec-Butylbenzene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Styrene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
trans-1,2-Dichloroethene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
trans-1,3-Dichloropropene	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
tert-Butylbenzene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Tetrachloroethene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Toluene	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Trichloroethene	ND		1.6		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Trichlorofluoromethane	ND		8.2		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Vinyl acetate	ND		8.2		ug/Kg		04/16/22 08:20	04/18/22 16:38	1
Vinyl chloride	ND		0.82		ug/Kg		04/16/22 08:20	04/18/22 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 142*	*04/16/22 08:20*	*04/18/22 16:38*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*04/16/22 08:20*	*04/18/22 16:38*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 123*	*04/16/22 08:20*	*04/18/22 16:38*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/16/22 08:20*	*04/18/22 16:38*	*1*

Client Sample ID: B-7-5-D
Date Collected: 04/13/22 10:43
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,1,1-Trichloroethane	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.3		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,1,2-Trichloroethane	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,1-Dichloroethane	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,1-Dichloroethene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,1-Dichloropropene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,2-Dibromo-3-Chloropropane	ND		9.3		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,2-Dibromoethane	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,2-Dichlorobenzene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,2-Dichloroethane	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,2-Dichloropropane	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,3-Dichlorobenzene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,3-Dichloropropane	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
1,4-Dichlorobenzene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
2,2-Dichloropropane	ND		4.7		ug/Kg		04/16/22 08:20	04/18/22 16:59	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-7-5-D
Date Collected: 04/13/22 10:43
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		19		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
2-Chlorotoluene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
2-Hexanone	ND		19		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
4-Chlorotoluene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
4-Methyl-2-pentanone	ND		19		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Acetone	ND		19		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Benzene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Bromobenzene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Bromochloromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Bromodichloromethane	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Bromoform	ND		4.7		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Bromomethane	ND		19		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
cis-1,2-Dichloroethene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
cis-1,3-Dichloropropene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Carbon disulfide	ND		9.3		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Carbon tetrachloride	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Chlorobenzene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Chloroethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Chloroform	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Chloromethane	ND		19		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Dibromochloromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Dibromomethane	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Ethylbenzene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Isopropylbenzene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Methylene Chloride	ND		9.3		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Naphthalene	ND		9.3		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
n-Butylbenzene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
N-Propylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
o-Xylene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
m,p-Xylene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
p-Isopropyltoluene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
sec-Butylbenzene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Styrene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
trans-1,2-Dichloroethene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
tert-Butylbenzene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Tetrachloroethene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Toluene	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Trichloroethene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Trichlorofluoromethane	ND		9.3		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Vinyl acetate	ND		9.3		ug/Kg		04/16/22 08:20	04/18/22 16:59	1
Vinyl chloride	ND		0.93		ug/Kg		04/16/22 08:20	04/18/22 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 142*	*04/16/22 08:20*	*04/18/22 16:59*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*04/16/22 08:20*	*04/18/22 16:59*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 123*	*04/16/22 08:20*	*04/18/22 16:59*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/16/22 08:20*	*04/18/22 16:59*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-7-15
Date Collected: 04/13/22 10:52
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,1,1-Trichloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,1,2-Trichloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,1-Dichloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,1-Dichloroethene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,1-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,2,3-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,2,3-Trichloropropane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,2,4-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,2-Dibromo-3-Chloropropane	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,2-Dibromoethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,2-Dichlorobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,2-Dichloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,2-Dichloropropane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,3-Dichlorobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,3-Dichloropropane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
1,4-Dichlorobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
2,2-Dichloropropane	ND		4.3		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
2-Butanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
2-Chlorotoluene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
2-Hexanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
4-Chlorotoluene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
4-Methyl-2-pentanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Acetone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Benzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Bromobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Bromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Bromodichloromethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Bromoform	ND		4.3		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Bromomethane	ND		17		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
cis-1,2-Dichloroethene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
cis-1,3-Dichloropropene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Carbon disulfide	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Carbon tetrachloride	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Chlorobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Chloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Chloroform	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Chloromethane	ND		17		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Dibromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Dibromomethane	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Dichlorodifluoromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Ethylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Isopropylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Methylene Chloride	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-7-15
Date Collected: 04/13/22 10:52
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
n-Butylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
N-Propylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
o-Xylene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
m,p-Xylene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
p-Isopropyltoluene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
sec-Butylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Styrene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
trans-1,2-Dichloroethene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
tert-Butylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Tetrachloroethene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Toluene	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Trichloroethene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Trichlorofluoromethane	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Vinyl acetate	ND		8.5		ug/Kg		04/16/22 08:20	04/18/22 17:20	1
Vinyl chloride	ND		0.85		ug/Kg		04/16/22 08:20	04/18/22 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 142*	*04/16/22 08:20*	*04/18/22 17:20*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*04/16/22 08:20*	*04/18/22 17:20*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 123*	*04/16/22 08:20*	*04/18/22 17:20*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/16/22 08:20*	*04/18/22 17:20*	*1*

Client Sample ID: B-6-1
Date Collected: 04/13/22 12:04
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,1,1-Trichloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,1,2-Trichloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,1-Dichloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,1-Dichloroethene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,1-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,2,3-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,2,3-Trichloropropane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,2,4-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,2-Dibromo-3-Chloropropane	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,2-Dibromoethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,2-Dichlorobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,2-Dichloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,2-Dichloropropane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,3-Dichlorobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,3-Dichloropropane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
1,4-Dichlorobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
2,2-Dichloropropane	ND		4.5		ug/Kg		04/16/22 08:20	04/18/22 17:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-6-1
Date Collected: 04/13/22 12:04
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
2-Chlorotoluene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
2-Hexanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
4-Chlorotoluene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
4-Methyl-2-pentanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Acetone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Benzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Bromobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Bromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Bromodichloromethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Bromoform	ND		4.5		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Bromomethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
cis-1,2-Dichloroethene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
cis-1,3-Dichloropropene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Carbon disulfide	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Carbon tetrachloride	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Chlorobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Chloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Chloroform	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Chloromethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Dibromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Dibromomethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Ethylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Isopropylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Methylene Chloride	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Naphthalene	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
n-Butylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
N-Propylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
o-Xylene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
m,p-Xylene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
p-Isopropyltoluene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
sec-Butylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Styrene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
trans-1,2-Dichloroethene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
tert-Butylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Tetrachloroethene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Toluene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Trichloroethene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Trichlorofluoromethane	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Vinyl acetate	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 17:41	1
Vinyl chloride	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 142*	*04/16/22 08:20*	*04/18/22 17:41*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*04/16/22 08:20*	*04/18/22 17:41*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 123*	*04/16/22 08:20*	*04/18/22 17:41*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/16/22 08:20*	*04/18/22 17:41*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-6-5
Date Collected: 04/13/22 12:18
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,1,1-Trichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,1,2-Trichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,1-Dichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,1-Dichloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,1-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,2,3-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,2,3-Trichloropropane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,2,4-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,2-Dibromo-3-Chloropropane	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,2-Dibromoethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,2-Dichlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,2-Dichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,2-Dichloropropane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,3-Dichlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,3-Dichloropropane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
1,4-Dichlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
2,2-Dichloropropane	ND		4.6		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
2-Butanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
2-Chlorotoluene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
2-Hexanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
4-Chlorotoluene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
4-Methyl-2-pentanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Acetone	**22**		18		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Benzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Bromobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Bromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Bromodichloromethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Bromoform	ND		4.6		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Bromomethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
cis-1,2-Dichloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
cis-1,3-Dichloropropene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Carbon disulfide	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Carbon tetrachloride	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Chlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Chloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Chloroform	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Chloromethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Dibromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Dibromomethane	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Ethylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Isopropylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Methylene Chloride	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-6-5
Date Collected: 04/13/22 12:18
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
n-Butylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
N-Propylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
o-Xylene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
m,p-Xylene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
p-Isopropyltoluene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
sec-Butylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Styrene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
trans-1,2-Dichloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
tert-Butylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Tetrachloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Toluene	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Trichloroethene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Trichlorofluoromethane	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Vinyl acetate	ND		9.1		ug/Kg		04/16/22 08:20	04/18/22 12:23	1
Vinyl chloride	ND		0.91		ug/Kg		04/16/22 08:20	04/18/22 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 142*	*04/16/22 08:20*	*04/18/22 12:23*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*	*04/16/22 08:20*	*04/18/22 12:23*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 123*	*04/16/22 08:20*	*04/18/22 12:23*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*04/16/22 08:20*	*04/18/22 12:23*	*1*

Client Sample ID: B-6-15
Date Collected: 04/13/22 12:29
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,1,1-Trichloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,1,2-Trichloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,1-Dichloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,1-Dichloroethene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,1-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,2,3-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,2,3-Trichloropropane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,2,4-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,2-Dibromo-3-Chloropropane	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,2-Dibromoethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,2-Dichlorobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,2-Dichloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,2-Dichloropropane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,3-Dichlorobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,3-Dichloropropane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
1,4-Dichlorobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
2,2-Dichloropropane	ND		4.4		ug/Kg		04/16/22 08:20	04/18/22 12:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-6-15
Date Collected: 04/13/22 12:29
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
2-Chlorotoluene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
2-Hexanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
4-Chlorotoluene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
4-Methyl-2-pentanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Acetone	**19**		18		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Benzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Bromobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Bromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Bromodichloromethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Bromoform	ND		4.4		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Bromomethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
cis-1,2-Dichloroethene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
cis-1,3-Dichloropropene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Carbon disulfide	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Carbon tetrachloride	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Chlorobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Chloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Chloroform	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Chloromethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Dibromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Dibromomethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Ethylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Isopropylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Methylene Chloride	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Naphthalene	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
n-Butylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
N-Propylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
o-Xylene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
m,p-Xylene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
p-Isopropyltoluene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
sec-Butylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Styrene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
trans-1,2-Dichloroethene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
tert-Butylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Tetrachloroethene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Toluene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Trichloroethene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Trichlorofluoromethane	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Vinyl acetate	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 12:48	1
Vinyl chloride	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 142*	*04/16/22 08:20*	*04/18/22 12:48*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*	*04/16/22 08:20*	*04/18/22 12:48*	*1*
Dibromofluoromethane (Surr)	*86*		*80 - 123*	*04/16/22 08:20*	*04/18/22 12:48*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*	*04/16/22 08:20*	*04/18/22 12:48*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-10-1
Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,1,1-Trichloroethane	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.4		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,1,2-Trichloroethane	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,1-Dichloroethane	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,1-Dichloroethene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,1-Dichloropropene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,2-Dibromo-3-Chloropropane	ND		9.4		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,2-Dibromoethane	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,2-Dichlorobenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,2-Dichloroethane	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,2-Dichloropropane	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,3-Dichlorobenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,3-Dichloropropane	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
1,4-Dichlorobenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
2,2-Dichloropropane	ND		4.7		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
2-Butanone	ND		19		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
2-Chlorotoluene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
2-Hexanone	ND		19		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
4-Chlorotoluene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
4-Methyl-2-pentanone	ND		19		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Acetone	ND		19		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Benzene	**1.5**		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Bromobenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Bromochloromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Bromodichloromethane	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Bromoform	ND		4.7		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Bromomethane	ND		19		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
cis-1,2-Dichloroethene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
cis-1,3-Dichloropropene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Carbon disulfide	ND		9.4		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Carbon tetrachloride	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Chlorobenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Chloroethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Chloroform	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Chloromethane	ND		19		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Dibromochloromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Dibromomethane	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Ethylbenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Isopropylbenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Methylene Chloride	ND		9.4		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-10-1
Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.4		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
n-Butylbenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
N-Propylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
o-Xylene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
m,p-Xylene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
p-Isopropyltoluene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
sec-Butylbenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Styrene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
trans-1,2-Dichloroethene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
tert-Butylbenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Tetrachloroethene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Toluene	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Trichloroethene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Trichlorofluoromethane	ND		9.4		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Vinyl acetate	ND		9.4		ug/Kg		04/16/22 08:20	04/19/22 16:02	1
Vinyl chloride	ND		0.94		ug/Kg		04/16/22 08:20	04/19/22 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 142*	*04/16/22 08:20*	*04/19/22 16:02*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*04/16/22 08:20*	*04/19/22 16:02*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 123*	*04/16/22 08:20*	*04/19/22 16:02*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/16/22 08:20*	*04/19/22 16:02*	*1*

Client Sample ID: B-10-1-D
Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,1,1-Trichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,1,2-Trichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,1-Dichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,1-Dichloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,1-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,2,3-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,2,3-Trichloropropane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,2,4-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,2-Dibromo-3-Chloropropane	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,2-Dibromoethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,2-Dichlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,2-Dichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,2-Dichloropropane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,3-Dichlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,3-Dichloropropane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
1,4-Dichlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
2,2-Dichloropropane	ND		4.5		ug/Kg		04/16/22 08:20	04/19/22 16:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-10-1-D
Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		18		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
2-Chlorotoluene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
2-Hexanone	ND		18		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
4-Chlorotoluene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
4-Methyl-2-pentanone	ND		18		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Acetone	ND		18		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Benzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Bromobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Bromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Bromodichloromethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Bromoform	ND		4.5		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Bromomethane	ND		18		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
cis-1,2-Dichloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
cis-1,3-Dichloropropene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Carbon disulfide	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Carbon tetrachloride	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Chlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Chloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Chloroform	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Chloromethane	ND		18		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Dibromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Dibromomethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Ethylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Isopropylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Methylene Chloride	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Naphthalene	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
n-Butylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
N-Propylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
o-Xylene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
m,p-Xylene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
p-Isopropyltoluene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
sec-Butylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Styrene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
trans-1,2-Dichloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
tert-Butylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Tetrachloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Toluene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Trichloroethene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Trichlorofluoromethane	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Vinyl acetate	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 16:22	1
Vinyl chloride	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 142*	*04/16/22 08:20*	*04/19/22 16:22*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*04/16/22 08:20*	*04/19/22 16:22*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 123*	*04/16/22 08:20*	*04/19/22 16:22*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/16/22 08:20*	*04/19/22 16:22*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-10-5
Date Collected: 04/13/22 13:29
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,1,1-Trichloroethane	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.4		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,1,2-Trichloroethane	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,1-Dichloroethane	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,1-Dichloroethene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,1-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,2,3-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,2,3-Trichloropropane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,2,4-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,2-Dibromo-3-Chloropropane	ND		8.4		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,2-Dibromoethane	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,2-Dichlorobenzene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,2-Dichloroethane	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,2-Dichloropropane	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,3-Dichlorobenzene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,3-Dichloropropane	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
1,4-Dichlorobenzene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
2,2-Dichloropropane	ND		4.2		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
2-Butanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
2-Chlorotoluene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
2-Hexanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
4-Chlorotoluene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
4-Methyl-2-pentanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Acetone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Benzene	**2.2**		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Bromobenzene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Bromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Bromodichloromethane	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Bromoform	ND		4.2		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Bromomethane	ND		17		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
cis-1,2-Dichloroethene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
cis-1,3-Dichloropropene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Carbon disulfide	ND		8.4		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Carbon tetrachloride	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Chlorobenzene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Chloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Chloroform	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Chloromethane	ND		17		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Dibromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Dibromomethane	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Dichlorodifluoromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Ethylbenzene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Isopropylbenzene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Methylene Chloride	ND		8.4		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-10-5
Date Collected: 04/13/22 13:29
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		8.4		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
n-Butylbenzene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
N-Propylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
o-Xylene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
m,p-Xylene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
p-Isopropyltoluene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
sec-Butylbenzene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Styrene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
trans-1,2-Dichloroethene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
tert-Butylbenzene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Tetrachloroethene	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Toluene	**1.4**		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Trichloroethene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Trichlorofluoromethane	ND		8.4		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Vinyl acetate	ND		8.4		ug/Kg		04/16/22 08:20	04/18/22 14:05	1
Vinyl chloride	ND		0.84		ug/Kg		04/16/22 08:20	04/18/22 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 142*	*04/16/22 08:20*	*04/18/22 14:05*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*	*04/16/22 08:20*	*04/18/22 14:05*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 123*	*04/16/22 08:20*	*04/18/22 14:05*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*04/16/22 08:20*	*04/18/22 14:05*	*1*

Client Sample ID: B-5-1
Date Collected: 04/13/22 14:46
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,1,1-Trichloroethane	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.5		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,1,2-Trichloroethane	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,1-Dichloroethane	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,1-Dichloroethene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,1-Dichloropropene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,2-Dibromo-3-Chloropropane	ND		9.5		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,2-Dibromoethane	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,2-Dichlorobenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,2-Dichloroethane	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,2-Dichloropropane	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,3-Dichlorobenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,3-Dichloropropane	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
1,4-Dichlorobenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
2,2-Dichloropropane	ND		4.7		ug/Kg		04/16/22 08:20	04/19/22 16:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-5-1
Date Collected: 04/13/22 14:46
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		19		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
2-Chlorotoluene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
2-Hexanone	ND		19		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
4-Chlorotoluene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
4-Methyl-2-pentanone	ND		19		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Acetone	**62**		19		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Benzene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Bromobenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Bromochloromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Bromodichloromethane	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Bromoform	ND		4.7		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Bromomethane	ND		19		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
cis-1,2-Dichloroethene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
cis-1,3-Dichloropropene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Carbon disulfide	ND		9.5		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Carbon tetrachloride	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Chlorobenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Chloroethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Chloroform	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Chloromethane	ND		19		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Dibromochloromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Dibromomethane	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Ethylbenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Isopropylbenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Methylene Chloride	ND		9.5		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Naphthalene	ND		9.5		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
n-Butylbenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
N-Propylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
o-Xylene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
m,p-Xylene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
p-Isopropyltoluene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
sec-Butylbenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Styrene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
trans-1,2-Dichloroethene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
tert-Butylbenzene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Tetrachloroethene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Toluene	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Trichloroethene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Trichlorofluoromethane	ND		9.5		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Vinyl acetate	ND		9.5		ug/Kg		04/16/22 08:20	04/19/22 16:43	1
Vinyl chloride	ND		0.95		ug/Kg		04/16/22 08:20	04/19/22 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 142*	*04/16/22 08:20*	*04/19/22 16:43*	*1*
4-Bromofluorobenzene (Surr)	*84*		*80 - 120*	*04/16/22 08:20*	*04/19/22 16:43*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 123*	*04/16/22 08:20*	*04/19/22 16:43*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*	*04/16/22 08:20*	*04/19/22 16:43*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-5-3
Date Collected: 04/13/22 14:52
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,1,1-Trichloroethane	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.4		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,1,2-Trichloroethane	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,1-Dichloroethane	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,1-Dichloroethene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,1-Dichloropropene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,2-Dibromo-3-Chloropropane	ND		9.4		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,2-Dibromoethane	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,2-Dichlorobenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,2-Dichloroethane	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,2-Dichloropropane	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,3-Dichlorobenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,3-Dichloropropane	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
1,4-Dichlorobenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
2,2-Dichloropropane	ND		4.7		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
2-Butanone	ND		19		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
2-Chlorotoluene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
2-Hexanone	ND		19		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
4-Chlorotoluene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
4-Methyl-2-pentanone	ND		19		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Acetone	**25**		19		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Benzene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Bromobenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Bromochloromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Bromodichloromethane	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Bromoform	ND		4.7		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Bromomethane	ND		19		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
cis-1,2-Dichloroethene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
cis-1,3-Dichloropropene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Carbon disulfide	ND		9.4		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Carbon tetrachloride	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Chlorobenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Chloroethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Chloroform	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Chloromethane	ND		19		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Dibromochloromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Dibromomethane	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Ethylbenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Isopropylbenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Methylene Chloride	ND		9.4		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-5-3
Date Collected: 04/13/22 14:52
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.4		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
n-Butylbenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
N-Propylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
o-Xylene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
m,p-Xylene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
p-Isopropyltoluene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
sec-Butylbenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Styrene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
trans-1,2-Dichloroethene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
tert-Butylbenzene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Tetrachloroethene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Toluene	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Trichloroethene	ND		1.9		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Trichlorofluoromethane	ND		9.4		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Vinyl acetate	ND		9.4		ug/Kg		04/16/22 08:20	04/18/22 14:56	1
Vinyl chloride	ND		0.94		ug/Kg		04/16/22 08:20	04/18/22 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 142*	*04/16/22 08:20*	*04/18/22 14:56*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*	*04/16/22 08:20*	*04/18/22 14:56*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 123*	*04/16/22 08:20*	*04/18/22 14:56*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*04/16/22 08:20*	*04/18/22 14:56*	*1*

Client Sample ID: B-5-5
Date Collected: 04/13/22 15:01
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,1,1-Trichloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,1,2-Trichloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,1-Dichloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,1-Dichloroethene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,1-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,2,3-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,2,3-Trichloropropane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,2,4-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,2-Dibromo-3-Chloropropane	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,2-Dibromoethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,2-Dichlorobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,2-Dichloroethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,2-Dichloropropane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,3-Dichlorobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,3-Dichloropropane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
1,4-Dichlorobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
2,2-Dichloropropane	ND		4.5		ug/Kg		04/16/22 08:20	04/18/22 15:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-5-5
Date Collected: 04/13/22 15:01
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
2-Chlorotoluene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
2-Hexanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
4-Chlorotoluene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
4-Methyl-2-pentanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Acetone	**24**		18		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Benzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Bromobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Bromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Bromodichloromethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Bromoform	ND		4.5		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Bromomethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
cis-1,2-Dichloroethene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
cis-1,3-Dichloropropene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Carbon disulfide	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Carbon tetrachloride	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Chlorobenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Chloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Chloroform	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Chloromethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Dibromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Dibromomethane	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Ethylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Isopropylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Methylene Chloride	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Naphthalene	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
n-Butylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
N-Propylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
o-Xylene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
m,p-Xylene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
p-Isopropyltoluene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
sec-Butylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Styrene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
trans-1,2-Dichloroethene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
tert-Butylbenzene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Tetrachloroethene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Toluene	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Trichloroethene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Trichlorofluoromethane	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Vinyl acetate	ND		9.0		ug/Kg		04/16/22 08:20	04/18/22 15:22	1
Vinyl chloride	ND		0.90		ug/Kg		04/16/22 08:20	04/18/22 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 142*	*04/16/22 08:20*	*04/18/22 15:22*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*04/16/22 08:20*	*04/18/22 15:22*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 123*	*04/16/22 08:20*	*04/18/22 15:22*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*04/16/22 08:20*	*04/18/22 15:22*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-8-1
Date Collected: 04/13/22 08:12
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C7 as C7	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C8 as C8	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C9-C10	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C11-C12	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C13-C14	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C15-C16	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C17-C18	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C19-C20	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C21-C22	**7.1**		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C23-C24	**8.1**		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C25-C28	**28**		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C29-C32	**40**		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C33-C36	**31**		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C37-C40	**23**		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C41-C44	**12**		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
C6-C44	**160**		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1
Diesel Range Organics [C10-C28]	**51**		5.0		mg/Kg		04/19/22 11:09	04/19/22 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*85*		*60 - 138*	*04/19/22 11:09*	*04/19/22 18:35*	*1*

Client Sample ID: B-8-5
Date Collected: 04/13/22 08:25
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C19-C20	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C21-C22	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C23-C24	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C25-C28	**8.1**		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C29-C32	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C33-C36	**7.9**		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C37-C40	**6.3**		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C41-C44	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
C6-C44	**47**		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1
Diesel Range Organics [C10-C28]	**19**		4.9		mg/Kg		04/19/22 11:09	04/19/22 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*81*		*60 - 138*	*04/19/22 11:09*	*04/19/22 18:55*	*1*

Client: Roux Associates, Inc.
Job ID: 570-92602-1
Project/Site: First Industrial-Ontario / 3661.0016L

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-9-5
Date Collected: 04/13/22 09:36
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C19-C20	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C21-C22	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C23-C24	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C25-C28	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C29-C32	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C33-C36	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C37-C40	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C41-C44	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
C6-C44	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1
Diesel Range Organics [C10-C28]	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*60 - 138*	*04/19/22 11:09*	*04/19/22 19:15*	*1*

Client Sample ID: B-7-1
Date Collected: 04/13/22 10:26
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C17-C18	**10**		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C19-C20	**11**		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C21-C22	**19**		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C23-C24	**33**		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C25-C28	**130**		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C29-C32	**200**		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C33-C36	**160**		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C37-C40	**110**		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C41-C44	**53**		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
C6-C44	**720**		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1
Diesel Range Organics [C10-C28]	**200**		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*60 - 138*	*04/19/22 11:09*	*04/19/22 19:36*	*1*

Client: Roux Associates, Inc.
Job ID: 570-92602-1
Project/Site: First Industrial-Ontario / 3661.0016L

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-7-5
Date Collected: 04/13/22 10:43
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C19-C20	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C21-C22	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C23-C24	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C25-C28	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C29-C32	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C33-C36	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C37-C40	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C41-C44	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
C6-C44	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1
Diesel Range Organics [C10-C28]	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*60 - 138*	*04/19/22 11:09*	*04/19/22 19:57*	*1*

Client Sample ID: B-7-5-D
Date Collected: 04/13/22 10:43
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C19-C20	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C21-C22	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C23-C24	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C25-C28	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C29-C32	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C33-C36	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C37-C40	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C41-C44	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
C6-C44	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1
Diesel Range Organics [C10-C28]	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*85*		*60 - 138*	*04/19/22 11:09*	*04/19/22 20:17*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-6-1
Date Collected: 04/13/22 12:04
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C19-C20	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C21-C22	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C23-C24	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C25-C28	**5.7**		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C29-C32	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C33-C36	**6.6**		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C37-C40	**5.0**		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C41-C44	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
C6-C44	**34**		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1
Diesel Range Organics [C10-C28]	**9.5**		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*86*		*60 - 138*	*04/19/22 11:09*	*04/19/22 20:38*	*1*

Client Sample ID: B-6-5
Date Collected: 04/13/22 12:18
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C19-C20	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C21-C22	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C23-C24	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C25-C28	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C29-C32	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C33-C36	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C37-C40	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C41-C44	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
C6-C44	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1
Diesel Range Organics [C10-C28]	ND		4.9		mg/Kg		04/19/22 11:09	04/19/22 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*60 - 138*	*04/19/22 11:09*	*04/19/22 20:58*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-10-1
Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C7 as C7	ND		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C8 as C8	ND		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C9-C10	ND		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C11-C12	ND		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C13-C14	ND		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C15-C16	ND		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C17-C18	ND		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C19-C20	ND		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C21-C22	ND		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C23-C24	ND		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C25-C28	**120**		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C29-C32	**260**		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C33-C36	**260**		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C37-C40	**240**		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C41-C44	**140**		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
C6-C44	**1100**		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10
Diesel Range Organics [C10-C28]	**170**		49		mg/Kg		04/19/22 11:09	04/19/22 21:18	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*60 - 138*	*04/19/22 11:09*	*04/19/22 21:18*	*10*

Client Sample ID: B-10-1-D
Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C7 as C7	ND		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C8 as C8	ND		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C9-C10	ND		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C11-C12	ND		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C13-C14	ND		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C15-C16	ND		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C17-C18	ND		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C19-C20	ND		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C21-C22	ND		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C23-C24	ND		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C25-C28	**27**		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C29-C32	**56**		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C33-C36	**52**		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C37-C40	**48**		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C41-C44	**31**		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
C6-C44	**230**		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2
Diesel Range Organics [C10-C28]	**41**		9.8		mg/Kg		04/19/22 11:09	04/19/22 22:36	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*81*		*60 - 138*	*04/19/22 11:09*	*04/19/22 22:36*	*2*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-10-5
Date Collected: 04/13/22 13:29
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C19-C20	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C21-C22	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C23-C24	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C25-C28	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C29-C32	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C33-C36	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C37-C40	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C41-C44	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
C6-C44	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1
Diesel Range Organics [C10-C28]	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 00:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*60 - 138*	*04/19/22 11:22*	*04/20/22 00:46*	*1*

Client Sample ID: B-5-1
Date Collected: 04/13/22 14:46
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C7 as C7	ND		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C8 as C8	ND		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C9-C10	ND		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C11-C12	**190**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C13-C14	**720**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C15-C16	**1200**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C17-C18	**1500**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C19-C20	**1500**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C21-C22	**1300**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C23-C24	**1200**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C25-C28	**2500**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C29-C32	**2700**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C33-C36	**1700**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C37-C40	**230**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C41-C44	**280**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
C6-C44	**16000**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10
Diesel Range Organics [C10-C28]	**10000**		49		mg/Kg		04/19/22 11:22	04/20/22 01:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*119*		*60 - 138*	*04/19/22 11:22*	*04/20/22 01:11*	*10*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-5-3
Date Collected: 04/13/22 14:52
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C19-C20	**5.1**		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C21-C22	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C23-C24	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C25-C28	**10**		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C29-C32	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C33-C36	**9.0**		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C37-C40	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C41-C44	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
C6-C44	**67**		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1
Diesel Range Organics [C10-C28]	**33**		4.9		mg/Kg		04/19/22 11:22	04/20/22 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*60 - 138*	*04/19/22 11:22*	*04/20/22 01:37*	*1*

Client Sample ID: B-5-5
Date Collected: 04/13/22 15:01
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C19-C20	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C21-C22	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C23-C24	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C25-C28	**7.9**		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C29-C32	**9.3**		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C33-C36	**5.5**		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C37-C40	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C41-C44	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
C6-C44	**46**		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1
Diesel Range Organics [C10-C28]	**26**		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*85*		*60 - 138*	*04/19/22 11:22*	*04/20/22 02:02*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: B-6-1
Date Collected: 04/13/22 12:04
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
4,4'-DDE	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
4,4'-DDT	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
Aldrin	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
alpha-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
alpha-Chlordane	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
beta-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
Chlordane	ND		25		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
delta-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
Dieldrin	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
Endosulfan I	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
Endosulfan II	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
Endosulfan sulfate	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
Endrin	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
Endrin aldehyde	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
Endrin ketone	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
gamma-Chlordane	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
gamma-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
Heptachlor	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
Heptachlor epoxide	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
Methoxychlor	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 06:48	1
Toxaphene	ND		25		ug/Kg		04/15/22 17:45	04/20/22 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*67*		*38 - 148*	*04/15/22 17:45*	*04/20/22 06:48*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*37 - 151*	*04/15/22 17:45*	*04/20/22 06:48*	*1*

Client Sample ID: B-10-1
Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
4,4'-DDE	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
4,4'-DDT	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
Aldrin	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
alpha-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
alpha-Chlordane	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
beta-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
Chlordane	ND		25		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
delta-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
Dieldrin	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
Endosulfan I	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
Endosulfan II	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
Endosulfan sulfate	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
Endrin	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
Endrin aldehyde	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
Endrin ketone	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
gamma-Chlordane	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
gamma-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
Heptachlor	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-10-1
Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
Methoxychlor	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 07:03	1
Toxaphene	ND		25		ug/Kg		04/15/22 17:45	04/20/22 07:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*66*		*38 - 148*	*04/15/22 17:45*	*04/20/22 07:03*	*1*
DCB Decachlorobiphenyl (Surr)	*65*		*37 - 151*	*04/15/22 17:45*	*04/20/22 07:03*	*1*

Client Sample ID: B-10-1-D
Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
4,4'-DDE	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
4,4'-DDT	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
Aldrin	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
alpha-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
alpha-Chlordane	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
beta-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
Chlordane	ND		25		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
delta-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
Dieldrin	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
Endosulfan I	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
Endosulfan II	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
Endosulfan sulfate	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
Endrin	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
Endrin aldehyde	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
Endrin ketone	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
gamma-Chlordane	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
gamma-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
Heptachlor	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
Heptachlor epoxide	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
Methoxychlor	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 09:17	1
Toxaphene	ND		25		ug/Kg		04/15/22 17:45	04/20/22 09:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*51*		*38 - 148*	*04/15/22 17:45*	*04/20/22 09:17*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*37 - 151*	*04/15/22 17:45*	*04/20/22 09:17*	*1*

Method: 6010B - Metals (ICP)

Client Sample ID: B-8-1
Date Collected: 04/13/22 08:12
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.495		mg/L		04/16/22 13:28	04/18/22 20:23	5
Antimony	ND		9.90		mg/L		04/16/22 13:28	04/18/22 20:23	5
Beryllium	ND		0.495		mg/L		04/16/22 13:28	04/18/22 20:23	5
Barium	**87.0**		2.97		mg/L		04/16/22 13:28	04/18/22 20:23	5
Thallium	ND		9.90		mg/L		04/16/22 13:28	04/18/22 20:23	5
Molybdenum	ND		1.98		mg/L		04/16/22 13:28	04/18/22 20:23	5
Nickel	**9.42**		1.98		mg/L		04/16/22 13:28	04/18/22 20:23	5
Vanadium	**35.1**		0.990		mg/L		04/16/22 13:28	04/18/22 20:23	5
Silver	ND		1.49		mg/L		04/16/22 13:28	04/18/22 20:23	5
Arsenic	**3.24**		2.97		mg/L		04/16/22 13:28	04/18/22 20:23	5
Copper	**10.7**		1.98		mg/L		04/16/22 13:28	04/18/22 20:23	5
Lead	**11.1**		1.98		mg/L		04/16/22 13:28	04/18/22 20:23	5
Zinc	**60.8**		4.95		mg/L		04/16/22 13:28	04/18/22 20:23	5
Selenium	ND		2.97		mg/L		04/16/22 13:28	04/18/22 20:23	5
Chromium	**15.9**		0.990		mg/L		04/16/22 13:28	04/18/22 20:23	5
Cobalt	**6.55**		0.990		mg/L		04/16/22 13:28	04/18/22 20:23	5

Client Sample ID: B-8-5
Date Collected: 04/13/22 08:25
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.493		mg/L		04/16/22 13:28	04/18/22 20:26	5
Antimony	ND		9.85		mg/L		04/16/22 13:28	04/18/22 20:26	5
Beryllium	ND		0.493		mg/L		04/16/22 13:28	04/18/22 20:26	5
Barium	**77.1**		2.96		mg/L		04/16/22 13:28	04/18/22 20:26	5
Thallium	ND		9.85		mg/L		04/16/22 13:28	04/18/22 20:26	5
Molybdenum	ND		1.97		mg/L		04/16/22 13:28	04/18/22 20:26	5
Nickel	**10.7**		1.97		mg/L		04/16/22 13:28	04/18/22 20:26	5
Vanadium	**34.1**		0.985		mg/L		04/16/22 13:28	04/18/22 20:26	5
Silver	ND		1.48		mg/L		04/16/22 13:28	04/18/22 20:26	5
Arsenic	**3.18**		2.96		mg/L		04/16/22 13:28	04/18/22 20:26	5
Copper	**12.2**		1.97		mg/L		04/16/22 13:28	04/18/22 20:26	5
Lead	**2.73**		1.97		mg/L		04/16/22 13:28	04/18/22 20:26	5
Zinc	**37.7**		4.93		mg/L		04/16/22 13:28	04/18/22 20:26	5
Selenium	ND		2.96		mg/L		04/16/22 13:28	04/18/22 20:26	5
Chromium	**17.0**		0.985		mg/L		04/16/22 13:28	04/18/22 20:26	5
Cobalt	**7.00**		0.985		mg/L		04/16/22 13:28	04/18/22 20:26	5

Client Sample ID: B-9-5
Date Collected: 04/13/22 09:36
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.508		mg/L		04/16/22 13:28	04/18/22 20:28	5
Antimony	ND		10.2		mg/L		04/16/22 13:28	04/18/22 20:28	5
Beryllium	ND		0.508		mg/L		04/16/22 13:28	04/18/22 20:28	5
Barium	**26.8**		3.05		mg/L		04/16/22 13:28	04/18/22 20:28	5
Thallium	ND		10.2		mg/L		04/16/22 13:28	04/18/22 20:28	5
Molybdenum	ND		2.03		mg/L		04/16/22 13:28	04/18/22 20:28	5
Nickel	**6.55**		2.03		mg/L		04/16/22 13:28	04/18/22 20:28	5
Vanadium	**18.4**		1.02		mg/L		04/16/22 13:28	04/18/22 20:28	5

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: B-9-5
Date Collected: 04/13/22 09:36
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.52		mg/L		04/16/22 13:28	04/18/22 20:28	5
Arsenic	ND		3.05		mg/L		04/16/22 13:28	04/18/22 20:28	5
Copper	**10.1**		2.03		mg/L		04/16/22 13:28	04/18/22 20:28	5
Lead	**2.07**		2.03		mg/L		04/16/22 13:28	04/18/22 20:28	5
Zinc	**23.7**		5.08		mg/L		04/16/22 13:28	04/18/22 20:28	5
Selenium	ND		3.05		mg/L		04/16/22 13:28	04/18/22 20:28	5
Chromium	**8.59**		1.02		mg/L		04/16/22 13:28	04/18/22 20:28	5
Cobalt	**4.31**		1.02		mg/L		04/16/22 13:28	04/18/22 20:28	5

Client Sample ID: B-7-1
Date Collected: 04/13/22 10:26
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.505		mg/L		04/16/22 13:28	04/18/22 20:31	5
Antimony	ND		10.1		mg/L		04/16/22 13:28	04/18/22 20:31	5
Beryllium	ND		0.505		mg/L		04/16/22 13:28	04/18/22 20:31	5
Barium	**72.6**		3.03		mg/L		04/16/22 13:28	04/18/22 20:31	5
Thallium	ND		10.1		mg/L		04/16/22 13:28	04/18/22 20:31	5
Molybdenum	ND		2.02		mg/L		04/16/22 13:28	04/18/22 20:31	5
Nickel	**10.2**		2.02		mg/L		04/16/22 13:28	04/18/22 20:31	5
Vanadium	**32.8**		1.01		mg/L		04/16/22 13:28	04/18/22 20:31	5
Silver	ND		1.52		mg/L		04/16/22 13:28	04/18/22 20:31	5
Arsenic	**3.36**		3.03		mg/L		04/16/22 13:28	04/18/22 20:31	5
Copper	**10.8**		2.02		mg/L		04/16/22 13:28	04/18/22 20:31	5
Lead	**4.46**		2.02		mg/L		04/16/22 13:28	04/18/22 20:31	5
Zinc	**37.6**		5.05		mg/L		04/16/22 13:28	04/18/22 20:31	5
Selenium	ND		3.03		mg/L		04/16/22 13:28	04/18/22 20:31	5
Chromium	**16.2**		1.01		mg/L		04/16/22 13:28	04/18/22 20:31	5
Cobalt	**6.59**		1.01		mg/L		04/16/22 13:28	04/18/22 20:31	5

Client Sample ID: B-7-5
Date Collected: 04/13/22 10:43
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.505		mg/L		04/16/22 13:28	04/18/22 20:33	5
Antimony	ND		10.1		mg/L		04/16/22 13:28	04/18/22 20:33	5
Beryllium	ND		0.505		mg/L		04/16/22 13:28	04/18/22 20:33	5
Barium	**86.6**		3.03		mg/L		04/16/22 13:28	04/18/22 20:33	5
Thallium	ND		10.1		mg/L		04/16/22 13:28	04/18/22 20:33	5
Molybdenum	ND		2.02		mg/L		04/16/22 13:28	04/18/22 20:33	5
Nickel	**9.94**		2.02		mg/L		04/16/22 13:28	04/18/22 20:33	5
Vanadium	**34.2**		1.01		mg/L		04/16/22 13:28	04/18/22 20:33	5
Silver	ND		1.52		mg/L		04/16/22 13:28	04/18/22 20:33	5
Arsenic	ND		3.03		mg/L		04/16/22 13:28	04/18/22 20:33	5
Copper	**10.5**		2.02		mg/L		04/16/22 13:28	04/18/22 20:33	5
Lead	**2.99**		2.02		mg/L		04/16/22 13:28	04/18/22 20:33	5
Zinc	**38.9**		5.05		mg/L		04/16/22 13:28	04/18/22 20:33	5
Selenium	ND		3.03		mg/L		04/16/22 13:28	04/18/22 20:33	5
Chromium	**16.8**		1.01		mg/L		04/16/22 13:28	04/18/22 20:33	5
Cobalt	**6.68**		1.01		mg/L		04/16/22 13:28	04/18/22 20:33	5

Method: 6010B - Metals (ICP)

Client Sample ID: B-7-5-D
Date Collected: 04/13/22 10:43
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.510		mg/L		04/16/22 13:28	04/18/22 20:36	5
Antimony	ND		10.2		mg/L		04/16/22 13:28	04/18/22 20:36	5
Beryllium	ND		0.510		mg/L		04/16/22 13:28	04/18/22 20:36	5
Barium	**86.8**		3.06		mg/L		04/16/22 13:28	04/18/22 20:36	5
Thallium	ND		10.2		mg/L		04/16/22 13:28	04/18/22 20:36	5
Molybdenum	ND		2.04		mg/L		04/16/22 13:28	04/18/22 20:36	5
Nickel	**9.96**		2.04		mg/L		04/16/22 13:28	04/18/22 20:36	5
Vanadium	**34.1**		1.02		mg/L		04/16/22 13:28	04/18/22 20:36	5
Silver	ND		1.53		mg/L		04/16/22 13:28	04/18/22 20:36	5
Arsenic	ND		3.06		mg/L		04/16/22 13:28	04/18/22 20:36	5
Copper	**11.1**		2.04		mg/L		04/16/22 13:28	04/18/22 20:36	5
Lead	**3.25**		2.04		mg/L		04/16/22 13:28	04/18/22 20:36	5
Zinc	**38.1**		5.10		mg/L		04/16/22 13:28	04/18/22 20:36	5
Selenium	ND		3.06		mg/L		04/16/22 13:28	04/18/22 20:36	5
Chromium	**16.4**		1.02		mg/L		04/16/22 13:28	04/18/22 20:36	5
Cobalt	**6.68**		1.02		mg/L		04/16/22 13:28	04/18/22 20:36	5

Client Sample ID: B-6-1
Date Collected: 04/13/22 12:04
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.510		mg/L		04/16/22 13:26	04/19/22 14:32	5
Antimony	ND		10.2		mg/L		04/16/22 13:26	04/19/22 14:32	5
Beryllium	ND		0.510		mg/L		04/16/22 13:26	04/19/22 14:32	5
Barium	**49.1**		3.06		mg/L		04/16/22 13:26	04/19/22 14:32	5
Thallium	ND		10.2		mg/L		04/16/22 13:26	04/19/22 14:32	5
Molybdenum	ND		2.04		mg/L		04/16/22 13:26	04/19/22 14:32	5
Nickel	**9.20**		2.04		mg/L		04/16/22 13:26	04/19/22 14:32	5
Vanadium	**26.4**		1.02		mg/L		04/16/22 13:26	04/19/22 14:32	5
Silver	ND		1.53		mg/L		04/16/22 13:26	04/19/22 14:32	5
Arsenic	ND		3.06		mg/L		04/16/22 13:26	04/19/22 14:32	5
Copper	**11.0**		2.04		mg/L		04/16/22 13:26	04/19/22 14:32	5
Lead	**2.79**		2.04		mg/L		04/16/22 13:26	04/19/22 14:32	5
Zinc	**30.6**		5.10		mg/L		04/16/22 13:26	04/19/22 14:32	5
Selenium	ND		3.06		mg/L		04/16/22 13:26	04/19/22 14:32	5
Chromium	**14.1**		1.02		mg/L		04/16/22 13:26	04/19/22 14:32	5
Cobalt	**6.14**		1.02		mg/L		04/16/22 13:26	04/19/22 14:32	5

Client Sample ID: B-6-5
Date Collected: 04/13/22 12:18
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.510		mg/L		04/16/22 13:28	04/18/22 20:38	5
Antimony	ND		10.2		mg/L		04/16/22 13:28	04/18/22 20:38	5
Beryllium	ND		0.510		mg/L		04/16/22 13:28	04/18/22 20:38	5
Barium	**84.8**		3.06		mg/L		04/16/22 13:28	04/18/22 20:38	5
Thallium	ND		10.2		mg/L		04/16/22 13:28	04/18/22 20:38	5
Molybdenum	ND		2.04		mg/L		04/16/22 13:28	04/18/22 20:38	5
Nickel	**10.2**		2.04		mg/L		04/16/22 13:28	04/18/22 20:38	5
Vanadium	**34.9**		1.02		mg/L		04/16/22 13:28	04/18/22 20:38	5

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: B-6-5
Date Collected: 04/13/22 12:18
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.53		mg/L		04/16/22 13:28	04/18/22 20:38	5
Arsenic	ND		3.06		mg/L		04/16/22 13:28	04/18/22 20:38	5
Copper	**9.59**		2.04		mg/L		04/16/22 13:28	04/18/22 20:38	5
Lead	**7.40**		2.04		mg/L		04/16/22 13:28	04/18/22 20:38	5
Zinc	**41.6**		5.10		mg/L		04/16/22 13:28	04/18/22 20:38	5
Selenium	ND		3.06		mg/L		04/16/22 13:28	04/18/22 20:38	5
Chromium	**16.1**		1.02		mg/L		04/16/22 13:28	04/18/22 20:38	5
Cobalt	**6.16**		1.02		mg/L		04/16/22 13:28	04/18/22 20:38	5

Client Sample ID: B-10-1
Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.493		mg/L		04/16/22 13:26	04/19/22 14:37	5
Antimony	ND		9.85		mg/L		04/16/22 13:26	04/19/22 14:37	5
Beryllium	ND		0.493		mg/L		04/16/22 13:26	04/19/22 14:37	5
Barium	**60.0**		2.96		mg/L		04/16/22 13:26	04/19/22 14:37	5
Thallium	ND		9.85		mg/L		04/16/22 13:26	04/19/22 14:37	5
Molybdenum	ND		1.97		mg/L		04/16/22 13:26	04/19/22 14:37	5
Nickel	**8.42**		1.97		mg/L		04/16/22 13:26	04/19/22 14:37	5
Vanadium	**24.1**		0.985		mg/L		04/16/22 13:26	04/19/22 14:37	5
Silver	ND		1.48		mg/L		04/16/22 13:26	04/19/22 14:37	5
Arsenic	**3.12**		2.96		mg/L		04/16/22 13:26	04/19/22 14:37	5
Copper	**10.2**		1.97		mg/L		04/16/22 13:26	04/19/22 14:37	5
Lead	**3.33**		1.97		mg/L		04/16/22 13:26	04/19/22 14:37	5
Zinc	**30.1**		4.93		mg/L		04/16/22 13:26	04/19/22 14:37	5
Selenium	ND		2.96		mg/L		04/16/22 13:26	04/19/22 14:37	5
Chromium	**12.3**		0.985		mg/L		04/16/22 13:26	04/19/22 14:37	5
Cobalt	**5.32**		0.985		mg/L		04/16/22 13:26	04/19/22 14:37	5

Client Sample ID: B-10-1-D
Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.495		mg/L		04/16/22 13:26	04/19/22 14:35	5
Antimony	ND		9.90		mg/L		04/16/22 13:26	04/19/22 14:35	5
Beryllium	ND		0.495		mg/L		04/16/22 13:26	04/19/22 14:35	5
Barium	**79.7**		2.97		mg/L		04/16/22 13:26	04/19/22 14:35	5
Thallium	ND		9.90		mg/L		04/16/22 13:26	04/19/22 14:35	5
Molybdenum	ND		1.98		mg/L		04/16/22 13:26	04/19/22 14:35	5
Nickel	**13.1**		1.98		mg/L		04/16/22 13:26	04/19/22 14:35	5
Vanadium	**35.1**		0.990		mg/L		04/16/22 13:26	04/19/22 14:35	5
Silver	ND		1.49		mg/L		04/16/22 13:26	04/19/22 14:35	5
Arsenic	**4.69**		2.97		mg/L		04/16/22 13:26	04/19/22 14:35	5
Copper	**13.8**		1.98		mg/L		04/16/22 13:26	04/19/22 14:35	5
Lead	**5.88**		1.98		mg/L		04/16/22 13:26	04/19/22 14:35	5
Zinc	**38.5**		4.95		mg/L		04/16/22 13:26	04/19/22 14:35	5
Selenium	ND		2.97		mg/L		04/16/22 13:26	04/19/22 14:35	5
Chromium	**17.2**		0.990		mg/L		04/16/22 13:26	04/19/22 14:35	5
Cobalt	**6.71**		0.990		mg/L		04/16/22 13:26	04/19/22 14:35	5

Method: 6010B - Metals (ICP)

Client Sample ID: B-10-5
Date Collected: 04/13/22 13:29
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.510		mg/L		04/16/22 13:28	04/18/22 20:40	5
Antimony	ND		10.2		mg/L		04/16/22 13:28	04/18/22 20:40	5
Beryllium	ND		0.510		mg/L		04/16/22 13:28	04/18/22 20:40	5
Barium	**94.1**		3.06		mg/L		04/16/22 13:28	04/18/22 20:40	5
Thallium	ND		10.2		mg/L		04/16/22 13:28	04/18/22 20:40	5
Molybdenum	ND		2.04		mg/L		04/16/22 13:28	04/18/22 20:40	5
Nickel	**12.0**		2.04		mg/L		04/16/22 13:28	04/18/22 20:40	5
Vanadium	**39.9**		1.02		mg/L		04/16/22 13:28	04/18/22 20:40	5
Silver	ND		1.53		mg/L		04/16/22 13:28	04/18/22 20:40	5
Arsenic	**3.66**		3.06		mg/L		04/16/22 13:28	04/18/22 20:40	5
Copper	**14.0**		2.04		mg/L		04/16/22 13:28	04/18/22 20:40	5
Lead	**3.86**		2.04		mg/L		04/16/22 13:28	04/18/22 20:40	5
Zinc	**39.8**		5.10		mg/L		04/16/22 13:28	04/18/22 20:40	5
Selenium	ND		3.06		mg/L		04/16/22 13:28	04/18/22 20:40	5
Chromium	**17.4**		1.02		mg/L		04/16/22 13:28	04/18/22 20:40	5
Cobalt	**8.72**		1.02		mg/L		04/16/22 13:28	04/18/22 20:40	5

Client Sample ID: B-5-1
Date Collected: 04/13/22 14:46
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.500		mg/L		04/16/22 13:26	04/19/22 14:25	5
Antimony	ND		10.0		mg/L		04/16/22 13:26	04/19/22 14:25	5
Beryllium	ND		0.500		mg/L		04/16/22 13:26	04/19/22 14:25	5
Barium	**31.9**		3.00		mg/L		04/16/22 13:26	04/19/22 14:25	5
Thallium	ND		10.0		mg/L		04/16/22 13:26	04/19/22 14:25	5
Molybdenum	ND		2.00		mg/L		04/16/22 13:26	04/19/22 14:25	5
Nickel	**9.59**		2.00		mg/L		04/16/22 13:26	04/19/22 14:25	5
Vanadium	**17.3**		1.00		mg/L		04/16/22 13:26	04/19/22 14:25	5
Silver	ND		1.50		mg/L		04/16/22 13:26	04/19/22 14:25	5
Arsenic	ND		3.00		mg/L		04/16/22 13:26	04/19/22 14:25	5
Copper	**6.76**		2.00		mg/L		04/16/22 13:26	04/19/22 14:25	5
Lead	ND		2.00		mg/L		04/16/22 13:26	04/19/22 14:25	5
Zinc	**21.6**		5.00		mg/L		04/16/22 13:26	04/19/22 14:25	5
Selenium	ND		3.00		mg/L		04/16/22 13:26	04/19/22 14:25	5
Chromium	**7.56**		1.00		mg/L		04/16/22 13:26	04/19/22 14:25	5
Cobalt	**3.14**		1.00		mg/L		04/16/22 13:26	04/19/22 14:25	5

Client Sample ID: B-5-3
Date Collected: 04/13/22 14:52
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.500		mg/L		04/16/22 13:26	04/19/22 14:27	5
Antimony	ND		10.0		mg/L		04/16/22 13:26	04/19/22 14:27	5
Beryllium	ND		0.500		mg/L		04/16/22 13:26	04/19/22 14:27	5
Barium	**88.8**		3.00		mg/L		04/16/22 13:26	04/19/22 14:27	5
Thallium	ND		10.0		mg/L		04/16/22 13:26	04/19/22 14:27	5
Molybdenum	ND		2.00		mg/L		04/16/22 13:26	04/19/22 14:27	5
Nickel	**9.46**		2.00		mg/L		04/16/22 13:26	04/19/22 14:27	5
Vanadium	**32.1**		1.00		mg/L		04/16/22 13:26	04/19/22 14:27	5

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: B-5-3
Date Collected: 04/13/22 14:52
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.50		mg/L		04/16/22 13:26	04/19/22 14:27	5
Arsenic	**5.30**		3.00		mg/L		04/16/22 13:26	04/19/22 14:27	5
Copper	**10.8**		2.00		mg/L		04/16/22 13:26	04/19/22 14:27	5
Lead	**9.55**		2.00		mg/L		04/16/22 13:26	04/19/22 14:27	5
Zinc	**42.9**		5.00		mg/L		04/16/22 13:26	04/19/22 14:27	5
Selenium	ND		3.00		mg/L		04/16/22 13:26	04/19/22 14:27	5
Chromium	**16.3**		1.00		mg/L		04/16/22 13:26	04/19/22 14:27	5
Cobalt	**6.15**		1.00		mg/L		04/16/22 13:26	04/19/22 14:27	5

Client Sample ID: B-5-5
Date Collected: 04/13/22 15:01
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.490		mg/L		04/16/22 13:26	04/19/22 14:30	5
Antimony	ND		9.80		mg/L		04/16/22 13:26	04/19/22 14:30	5
Beryllium	ND		0.490		mg/L		04/16/22 13:26	04/19/22 14:30	5
Barium	**93.9**		2.94		mg/L		04/16/22 13:26	04/19/22 14:30	5
Thallium	ND		9.80		mg/L		04/16/22 13:26	04/19/22 14:30	5
Molybdenum	ND		1.96		mg/L		04/16/22 13:26	04/19/22 14:30	5
Nickel	**9.80**		1.96		mg/L		04/16/22 13:26	04/19/22 14:30	5
Vanadium	**34.3**		0.980		mg/L		04/16/22 13:26	04/19/22 14:30	5
Silver	ND		1.47		mg/L		04/16/22 13:26	04/19/22 14:30	5
Arsenic	**4.77**		2.94		mg/L		04/16/22 13:26	04/19/22 14:30	5
Copper	**10.8**		1.96		mg/L		04/16/22 13:26	04/19/22 14:30	5
Lead	**14.0**		1.96		mg/L		04/16/22 13:26	04/19/22 14:30	5
Zinc	**48.7**		4.90		mg/L		04/16/22 13:26	04/19/22 14:30	5
Selenium	ND		2.94		mg/L		04/16/22 13:26	04/19/22 14:30	5
Chromium	**16.8**		0.980		mg/L		04/16/22 13:26	04/19/22 14:30	5
Cobalt	**6.51**		0.980		mg/L		04/16/22 13:26	04/19/22 14:30	5

Method: 7471A - Mercury (CVAA)

Client Sample ID: B-8-1
Date Collected: 04/13/22 08:12
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0806		mg/Kg		04/15/22 14:18	04/15/22 18:52	1

Client Sample ID: B-8-5
Date Collected: 04/13/22 08:25
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		04/15/22 14:18	04/15/22 18:54	1

Client Sample ID: B-9-5
Date Collected: 04/13/22 09:36
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820		mg/Kg		04/15/22 14:18	04/15/22 18:56	1

Client Sample ID: B-7-1
Date Collected: 04/13/22 10:26
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0862		mg/Kg		04/15/22 14:18	04/15/22 18:58	1

Client Sample ID: B-7-5
Date Collected: 04/13/22 10:43
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0806		mg/Kg		04/15/22 14:18	04/15/22 19:00	1

Client Sample ID: B-7-5-D
Date Collected: 04/13/22 10:43
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		04/15/22 14:18	04/15/22 19:01	1

Client Sample ID: B-6-1
Date Collected: 04/13/22 12:04
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		04/15/22 14:18	04/15/22 19:03	1

Client Sample ID: B-6-5
Date Collected: 04/13/22 12:18
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0806		mg/Kg		04/15/22 14:18	04/15/22 19:05	1

Client Sample ID: B-10-1
Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		04/15/22 14:18	04/15/22 19:07	1

Method: 7471A - Mercury (CVAA)

Client Sample ID: B-10-1-D
Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794		mg/Kg		04/15/22 14:18	04/15/22 19:09	1

Client Sample ID: B-10-5
Date Collected: 04/13/22 13:29
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0883**		0.0862		mg/Kg		04/15/22 14:18	04/15/22 19:14	1

Client Sample ID: B-5-1
Date Collected: 04/13/22 14:46
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0806		mg/Kg		04/15/22 14:18	04/15/22 19:16	1

Client Sample ID: B-5-3
Date Collected: 04/13/22 14:52
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847		mg/Kg		04/15/22 14:18	04/15/22 19:18	1

Client Sample ID: B-5-5
Date Collected: 04/13/22 15:01
Date Received: 04/13/22 18:13
Lab Sample ID: 570-92602-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794		mg/Kg		04/15/22 14:18	04/15/22 19:20	1

Surrogate Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92602-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-142)	(80-120)	(80-123)	(80-120)
570-92602-1	B-8-1	100	98	96	93
570-92602-3	B-8-5	98	101	95	95
570-92602-4	B-8-15	97	100	95	95
570-92602-7	B-9-5	98	99	94	92
570-92602-8	B-9-15	94	101	96	93
570-92602-9	B-7-1	96	101	96	93
570-92602-11	B-7-5	96	100	97	94
570-92602-12	B-7-5-D	96	100	98	94
570-92602-13	B-7-15	98	99	99	94
570-92602-14	B-6-1	96	97	98	93
570-92602-16	B-6-5	107	105	102	103
570-92602-17	B-6-15	102	107	86	109
570-92602-18	B-10-1	99	96	100	94
570-92602-19	B-10-1-D	99	96	102	93
570-92602-21	B-10-5	107	107	102	104
570-92602-22	B-5-1	98	84	99	91
570-92602-23	B-5-3	103	105	98	103
570-92602-24	B-5-5	100	102	96	103
LCS 570-227330/4	Lab Control Sample	87	96	91	94
LCS 570-227414/4	Lab Control Sample	85	97	94	99
LCS 570-227596/3	Lab Control Sample	85	93	89	94
LCSD 570-227330/5	Lab Control Sample Dup	87	95	91	96
LCSD 570-227414/5	Lab Control Sample Dup	86	99	97	102
LCSD 570-227596/4	Lab Control Sample Dup	86	92	92	95
MB 570-227330/6	Method Blank	85	96	92	93
MB 570-227414/10	Method Blank	93	104	95	103
MB 570-227596/5	Method Blank	85	95	93	91

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(60-138)
570-92602-1	B-8-1	85
570-92602-1 MS	B-8-1	84
570-92602-1 MSD	B-8-1	87
570-92602-3	B-8-5	81
570-92602-7	B-9-5	90
570-92602-9	B-7-1	96
570-92602-11	B-7-5	94
570-92602-12	B-7-5-D	85
570-92602-14	B-6-1	86
570-92602-16	B-6-5	87

Surrogate Summary

Client: Roux Associates, Inc. Job ID: 570-92602-1
Project/Site: First Industrial-Ontario / 3661.0016L

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)										
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)										
570-92602-18	B-10-1	88										
570-92602-19	B-10-1-D	81										
570-92602-21	B-10-5	88										
570-92602-21 MS	B-10-5	89										
570-92602-21 MSD	B-10-5	91										
570-92602-22	B-5-1	119										
570-92602-23	B-5-3	90										
570-92602-24	B-5-5	85										
LCS 570-227667/2-A	Lab Control Sample	86										
LCS 570-227669/2-A	Lab Control Sample	87										
LCSD 570-227667/3-A	Lab Control Sample Dup	82										
LCSD 570-227669/3-A	Lab Control Sample Dup	88										
MB 570-227667/1-A	Method Blank	81										
MB 570-227669/1-A	Method Blank	89										

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)										
Lab Sample ID	Client Sample ID	TCX1 (38-148)	DCB1 (37-151)									
570-92140-B-1-I MS	Matrix Spike	63	64									
570-92140-B-1-J MSD	Matrix Spike Duplicate	71	74									
570-92602-14	B-6-1	67	68									
570-92602-18	B-10-1	66	65									
570-92602-19	B-10-1-D	51	74									
LCS 570-227134/2-A	Lab Control Sample	93	94									
LCSD 570-227134/3-A	Lab Control Sample Dup	77	78									
MB 570-227134/1-A	Method Blank	85	85									

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Client: Roux Associates, Inc.
Job ID: 570-92602-1
Project/Site: First Industrial-Ontario / 3661.0016L

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-227330/6
Matrix: Solid
Analysis Batch: 227330

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg			04/18/22 09:40	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg			04/18/22 09:40	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			04/18/22 09:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			04/18/22 09:40	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg			04/18/22 09:40	1
1,1-Dichloroethane	ND		1.0		ug/Kg			04/18/22 09:40	1
1,1-Dichloroethene	ND		1.0		ug/Kg			04/18/22 09:40	1
1,1-Dichloropropene	ND		2.0		ug/Kg			04/18/22 09:40	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			04/18/22 09:40	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg			04/18/22 09:40	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			04/18/22 09:40	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			04/18/22 09:40	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			04/18/22 09:40	1
1,2-Dibromoethane	ND		1.0		ug/Kg			04/18/22 09:40	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg			04/18/22 09:40	1
1,2-Dichloroethane	ND		1.0		ug/Kg			04/18/22 09:40	1
1,2-Dichloropropane	ND		1.0		ug/Kg			04/18/22 09:40	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			04/18/22 09:40	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			04/18/22 09:40	1
1,3-Dichloropropane	ND		1.0		ug/Kg			04/18/22 09:40	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			04/18/22 09:40	1
2,2-Dichloropropane	ND		5.0		ug/Kg			04/18/22 09:40	1
2-Butanone	ND		20		ug/Kg			04/18/22 09:40	1
2-Chlorotoluene	ND		1.0		ug/Kg			04/18/22 09:40	1
2-Hexanone	ND		20		ug/Kg			04/18/22 09:40	1
4-Chlorotoluene	ND		1.0		ug/Kg			04/18/22 09:40	1
4-Methyl-2-pentanone	ND		20		ug/Kg			04/18/22 09:40	1
Acetone	ND		20		ug/Kg			04/18/22 09:40	1
Benzene	ND		1.0		ug/Kg			04/18/22 09:40	1
Bromobenzene	ND		1.0		ug/Kg			04/18/22 09:40	1
Bromochloromethane	ND		2.0		ug/Kg			04/18/22 09:40	1
Bromodichloromethane	ND		1.0		ug/Kg			04/18/22 09:40	1
Bromoform	ND		5.0		ug/Kg			04/18/22 09:40	1
Bromomethane	ND		20		ug/Kg			04/18/22 09:40	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			04/18/22 09:40	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			04/18/22 09:40	1
Carbon disulfide	ND		10		ug/Kg			04/18/22 09:40	1
Carbon tetrachloride	ND		1.0		ug/Kg			04/18/22 09:40	1
Chlorobenzene	ND		1.0		ug/Kg			04/18/22 09:40	1
Chloroethane	ND		2.0		ug/Kg			04/18/22 09:40	1
Chloroform	ND		1.0		ug/Kg			04/18/22 09:40	1
Chloromethane	ND		20		ug/Kg			04/18/22 09:40	1
Dibromochloromethane	ND		2.0		ug/Kg			04/18/22 09:40	1
Dibromomethane	ND		1.0		ug/Kg			04/18/22 09:40	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			04/18/22 09:40	1
Ethylbenzene	ND		1.0		ug/Kg			04/18/22 09:40	1
Isopropylbenzene	ND		1.0		ug/Kg			04/18/22 09:40	1
Methylene Chloride	ND		10		ug/Kg			04/18/22 09:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-227330/6
Matrix: Solid
Analysis Batch: 227330

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg			04/18/22 09:40	1
Naphthalene	ND		10		ug/Kg			04/18/22 09:40	1
n-Butylbenzene	ND		1.0		ug/Kg			04/18/22 09:40	1
N-Propylbenzene	ND		2.0		ug/Kg			04/18/22 09:40	1
o-Xylene	ND		1.0		ug/Kg			04/18/22 09:40	1
m,p-Xylene	ND		2.0		ug/Kg			04/18/22 09:40	1
p-Isopropyltoluene	ND		1.0		ug/Kg			04/18/22 09:40	1
sec-Butylbenzene	ND		1.0		ug/Kg			04/18/22 09:40	1
Styrene	ND		1.0		ug/Kg			04/18/22 09:40	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg			04/18/22 09:40	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			04/18/22 09:40	1
tert-Butylbenzene	ND		1.0		ug/Kg			04/18/22 09:40	1
Tetrachloroethene	ND		1.0		ug/Kg			04/18/22 09:40	1
Toluene	ND		1.0		ug/Kg			04/18/22 09:40	1
Trichloroethene	ND		2.0		ug/Kg			04/18/22 09:40	1
Trichlorofluoromethane	ND		10		ug/Kg			04/18/22 09:40	1
Vinyl acetate	ND		10		ug/Kg			04/18/22 09:40	1
Vinyl chloride	ND		1.0		ug/Kg			04/18/22 09:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*80 - 142*		*04/18/22 09:40*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*04/18/22 09:40*	*1*
Dibromofluoromethane (Surr)	*92*		*80 - 123*		*04/18/22 09:40*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*04/18/22 09:40*	*1*

Lab Sample ID: LCS 570-227330/4
Matrix: Solid
Analysis Batch: 227330

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	50.0	44.33		ug/Kg		89	70 - 120
1,2-Dibromoethane	50.0	53.18		ug/Kg		106	80 - 120
1,2-Dichlorobenzene	50.0	50.87		ug/Kg		102	80 - 120
1,2-Dichloroethane	50.0	44.58		ug/Kg		89	80 - 120
Benzene	50.0	50.76		ug/Kg		102	80 - 120
Carbon tetrachloride	50.0	49.18		ug/Kg		98	80 - 125
Chlorobenzene	50.0	54.23		ug/Kg		108	80 - 120
Ethylbenzene	50.0	49.36		ug/Kg		99	80 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	50.90		ug/Kg		102	73 - 137
o-Xylene	50.0	48.18		ug/Kg		96	80 - 120
m,p-Xylene	100	95.15		ug/Kg		95	80 - 120
Toluene	50.0	48.70		ug/Kg		97	80 - 120
Trichloroethene	50.0	53.90		ug/Kg		108	80 - 120
Vinyl chloride	50.0	47.93		ug/Kg		96	77 - 138

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*80 - 142*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-227330/4
Matrix: Solid
Analysis Batch: 227330

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*91*		*80 - 123*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: LCSD 570-227330/5
Matrix: Solid
Analysis Batch: 227330

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene			50.0	43.30		ug/Kg		87	70 - 120	2	20
1,2-Dibromoethane			50.0	54.10		ug/Kg		108	80 - 120	2	20
1,2-Dichlorobenzene			50.0	52.39		ug/Kg		105	80 - 120	3	20
1,2-Dichloroethane			50.0	45.23		ug/Kg		90	80 - 120	1	20
Benzene			50.0	50.71		ug/Kg		101	80 - 120	0	20
Carbon tetrachloride			50.0	48.61		ug/Kg		97	80 - 125	1	20
Chlorobenzene			50.0	54.50		ug/Kg		109	80 - 120	1	20
Ethylbenzene			50.0	49.31		ug/Kg		99	80 - 120	0	20
Methyl-t-Butyl Ether (MTBE)			50.0	51.22		ug/Kg		102	73 - 137	1	20
o-Xylene			50.0	47.71		ug/Kg		95	80 - 120	1	20
m,p-Xylene			100	95.68		ug/Kg		96	80 - 120	1	20
Toluene			50.0	48.92		ug/Kg		98	80 - 120	0	20
Trichloroethene			50.0	53.78		ug/Kg		108	80 - 120	0	20
Vinyl chloride			50.0	47.29		ug/Kg		95	77 - 138	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*87*		*80 - 142*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*91*		*80 - 123*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 570-227414/10
Matrix: Solid
Analysis Batch: 227414

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			04/18/22 11:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			04/18/22 11:31	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,1-Dichloroethane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,1-Dichloroethene	ND		1.0		ug/Kg			04/18/22 11:31	1
1,1-Dichloropropene	ND		2.0		ug/Kg			04/18/22 11:31	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			04/18/22 11:31	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg			04/18/22 11:31	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			04/18/22 11:31	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			04/18/22 11:31	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			04/18/22 11:31	1
1,2-Dibromoethane	ND		1.0		ug/Kg			04/18/22 11:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-227414/10
Matrix: Solid
Analysis Batch: 227414

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
1,2-Dichloroethane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,2-Dichloropropane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			04/18/22 11:31	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
1,3-Dichloropropane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
2,2-Dichloropropane	ND		5.0		ug/Kg			04/18/22 11:31	1
2-Butanone	ND		20		ug/Kg			04/18/22 11:31	1
2-Chlorotoluene	ND		1.0		ug/Kg			04/18/22 11:31	1
2-Hexanone	ND		20		ug/Kg			04/18/22 11:31	1
4-Chlorotoluene	ND		1.0		ug/Kg			04/18/22 11:31	1
4-Methyl-2-pentanone	ND		20		ug/Kg			04/18/22 11:31	1
Acetone	ND		20		ug/Kg			04/18/22 11:31	1
Benzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Bromobenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Bromochloromethane	ND		2.0		ug/Kg			04/18/22 11:31	1
Bromodichloromethane	ND		1.0		ug/Kg			04/18/22 11:31	1
Bromoform	ND		5.0		ug/Kg			04/18/22 11:31	1
Bromomethane	ND		20		ug/Kg			04/18/22 11:31	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			04/18/22 11:31	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			04/18/22 11:31	1
Carbon disulfide	ND		10		ug/Kg			04/18/22 11:31	1
Carbon tetrachloride	ND		1.0		ug/Kg			04/18/22 11:31	1
Chlorobenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Chloroethane	ND		2.0		ug/Kg			04/18/22 11:31	1
Chloroform	ND		1.0		ug/Kg			04/18/22 11:31	1
Chloromethane	ND		20		ug/Kg			04/18/22 11:31	1
Dibromochloromethane	ND		2.0		ug/Kg			04/18/22 11:31	1
Dibromomethane	ND		1.0		ug/Kg			04/18/22 11:31	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			04/18/22 11:31	1
Ethylbenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Isopropylbenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Methylene Chloride	ND		10		ug/Kg			04/18/22 11:31	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg			04/18/22 11:31	1
Naphthalene	ND		10		ug/Kg			04/18/22 11:31	1
n-Butylbenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
N-Propylbenzene	ND		2.0		ug/Kg			04/18/22 11:31	1
o-Xylene	ND		1.0		ug/Kg			04/18/22 11:31	1
m,p-Xylene	ND		2.0		ug/Kg			04/18/22 11:31	1
p-Isopropyltoluene	ND		1.0		ug/Kg			04/18/22 11:31	1
sec-Butylbenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Styrene	ND		1.0		ug/Kg			04/18/22 11:31	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg			04/18/22 11:31	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			04/18/22 11:31	1
tert-Butylbenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Tetrachloroethene	ND		1.0		ug/Kg			04/18/22 11:31	1
Toluene	ND		1.0		ug/Kg			04/18/22 11:31	1
Trichloroethene	ND		2.0		ug/Kg			04/18/22 11:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-227414/10
Matrix: Solid
Analysis Batch: 227414

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		10		ug/Kg			04/18/22 11:31	1
Vinyl acetate	ND		10		ug/Kg			04/18/22 11:31	1
Vinyl chloride	ND		1.0		ug/Kg			04/18/22 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 142*		*04/18/22 11:31*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*04/18/22 11:31*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 123*		*04/18/22 11:31*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/18/22 11:31*	*1*

Lab Sample ID: LCS 570-227414/4
Matrix: Solid
Analysis Batch: 227414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	50.0	52.26		ug/Kg		105	70 - 120
1,2-Dibromoethane	50.0	55.95		ug/Kg		112	80 - 120
1,2-Dichlorobenzene	50.0	53.63		ug/Kg		107	80 - 120
1,2-Dichloroethane	50.0	48.04		ug/Kg		96	80 - 120
Benzene	50.0	52.66		ug/Kg		105	80 - 120
Carbon tetrachloride	50.0	51.78		ug/Kg		104	80 - 125
Chlorobenzene	50.0	55.03		ug/Kg		110	80 - 120
Ethylbenzene	50.0	54.79		ug/Kg		110	80 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	47.22		ug/Kg		94	73 - 137
o-Xylene	50.0	54.69		ug/Kg		109	80 - 120
m,p-Xylene	100	109.4		ug/Kg		109	80 - 120
Toluene	50.0	53.34		ug/Kg		107	80 - 120
Trichloroethene	50.0	55.27		ug/Kg		111	80 - 120
Vinyl chloride	50.0	52.93		ug/Kg		106	77 - 138

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*80 - 142*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 123*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-227414/5
Matrix: Solid
Analysis Batch: 227414

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	50.0	52.49		ug/Kg		105	70 - 120	0	20
1,2-Dibromoethane	50.0	56.25		ug/Kg		113	80 - 120	1	20
1,2-Dichlorobenzene	50.0	54.45		ug/Kg		109	80 - 120	2	20
1,2-Dichloroethane	50.0	48.10		ug/Kg		96	80 - 120	0	20
Benzene	50.0	52.62		ug/Kg		105	80 - 120	0	20
Carbon tetrachloride	50.0	52.53		ug/Kg		105	80 - 125	1	20
Chlorobenzene	50.0	55.21		ug/Kg		110	80 - 120	0	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-227414/5
Matrix: Solid
Analysis Batch: 227414

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene			50.0	54.43		ug/Kg		109	80 - 120	1	20
Methyl-t-Butyl Ether (MTBE)			50.0	47.80		ug/Kg		96	73 - 137	1	20
o-Xylene			50.0	54.68		ug/Kg		109	80 - 120	0	20
m,p-Xylene			100	109.7		ug/Kg		110	80 - 120	0	20
Toluene			50.0	53.66		ug/Kg		107	80 - 120	1	20
Trichloroethene			50.0	55.50		ug/Kg		111	80 - 120	0	20
Vinyl chloride			50.0	53.86		ug/Kg		108	77 - 138	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*80 - 142*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 570-227596/5
Matrix: Solid
Analysis Batch: 227596

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			04/19/22 10:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			04/19/22 10:15	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,1-Dichloroethane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,1-Dichloroethene	ND		1.0		ug/Kg			04/19/22 10:15	1
1,1-Dichloropropene	ND		2.0		ug/Kg			04/19/22 10:15	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			04/19/22 10:15	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg			04/19/22 10:15	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			04/19/22 10:15	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			04/19/22 10:15	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			04/19/22 10:15	1
1,2-Dibromoethane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
1,2-Dichloroethane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,2-Dichloropropane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			04/19/22 10:15	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
1,3-Dichloropropane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
2,2-Dichloropropane	ND		5.0		ug/Kg			04/19/22 10:15	1
2-Butanone	ND		20		ug/Kg			04/19/22 10:15	1
2-Chlorotoluene	ND		1.0		ug/Kg			04/19/22 10:15	1
2-Hexanone	ND		20		ug/Kg			04/19/22 10:15	1
4-Chlorotoluene	ND		1.0		ug/Kg			04/19/22 10:15	1
4-Methyl-2-pentanone	ND		20		ug/Kg			04/19/22 10:15	1
Acetone	ND		20		ug/Kg			04/19/22 10:15	1
Benzene	ND		1.0		ug/Kg			04/19/22 10:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-227596/5
Matrix: Solid
Analysis Batch: 227596

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
Bromochloromethane	ND		2.0		ug/Kg			04/19/22 10:15	1
Bromodichloromethane	ND		1.0		ug/Kg			04/19/22 10:15	1
Bromoform	ND		5.0		ug/Kg			04/19/22 10:15	1
Bromomethane	ND		20		ug/Kg			04/19/22 10:15	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			04/19/22 10:15	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			04/19/22 10:15	1
Carbon disulfide	ND		10		ug/Kg			04/19/22 10:15	1
Carbon tetrachloride	ND		1.0		ug/Kg			04/19/22 10:15	1
Chlorobenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
Chloroethane	ND		2.0		ug/Kg			04/19/22 10:15	1
Chloroform	ND		1.0		ug/Kg			04/19/22 10:15	1
Chloromethane	ND		20		ug/Kg			04/19/22 10:15	1
Dibromochloromethane	ND		2.0		ug/Kg			04/19/22 10:15	1
Dibromomethane	ND		1.0		ug/Kg			04/19/22 10:15	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			04/19/22 10:15	1
Ethylbenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
Isopropylbenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
Methylene Chloride	ND		10		ug/Kg			04/19/22 10:15	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg			04/19/22 10:15	1
Naphthalene	ND		10		ug/Kg			04/19/22 10:15	1
n-Butylbenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
N-Propylbenzene	ND		2.0		ug/Kg			04/19/22 10:15	1
o-Xylene	ND		1.0		ug/Kg			04/19/22 10:15	1
m,p-Xylene	ND		2.0		ug/Kg			04/19/22 10:15	1
p-Isopropyltoluene	ND		1.0		ug/Kg			04/19/22 10:15	1
sec-Butylbenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
Styrene	ND		1.0		ug/Kg			04/19/22 10:15	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg			04/19/22 10:15	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			04/19/22 10:15	1
tert-Butylbenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
Tetrachloroethene	ND		1.0		ug/Kg			04/19/22 10:15	1
Toluene	ND		1.0		ug/Kg			04/19/22 10:15	1
Trichloroethene	ND		2.0		ug/Kg			04/19/22 10:15	1
Trichlorofluoromethane	ND		10		ug/Kg			04/19/22 10:15	1
Vinyl acetate	ND		10		ug/Kg			04/19/22 10:15	1
Vinyl chloride	ND		1.0		ug/Kg			04/19/22 10:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*80 - 142*		*04/19/22 10:15*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*04/19/22 10:15*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 123*		*04/19/22 10:15*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*04/19/22 10:15*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-227596/3
Matrix: Solid
Analysis Batch: 227596

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			50.0	46.36		ug/Kg		93	70 - 120		
1,2-Dibromoethane			50.0	51.96		ug/Kg		104	80 - 120		
1,2-Dichlorobenzene			50.0	51.44		ug/Kg		103	80 - 120		
1,2-Dichloroethane			50.0	43.06		ug/Kg		86	80 - 120		
Benzene			50.0	51.39		ug/Kg		103	80 - 120		
Carbon tetrachloride			50.0	51.31		ug/Kg		103	80 - 125		
Chlorobenzene			50.0	54.38		ug/Kg		109	80 - 120		
Ethylbenzene			50.0	50.53		ug/Kg		101	80 - 120		
Methyl-t-Butyl Ether (MTBE)			50.0	47.37		ug/Kg		95	73 - 137		
o-Xylene			50.0	48.23		ug/Kg		96	80 - 120		
m,p-Xylene			100	97.86		ug/Kg		98	80 - 120		
Toluene			50.0	49.18		ug/Kg		98	80 - 120		
Trichloroethene			50.0	54.01		ug/Kg		108	80 - 120		
Vinyl chloride			50.0	48.35		ug/Kg		97	77 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*80 - 142*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*89*		*80 - 123*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: LCSD 570-227596/4
Matrix: Solid
Analysis Batch: 227596

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene			50.0	46.44		ug/Kg		93	70 - 120	0	20
1,2-Dibromoethane			50.0	53.14		ug/Kg		106	80 - 120	2	20
1,2-Dichlorobenzene			50.0	53.93		ug/Kg		108	80 - 120	5	20
1,2-Dichloroethane			50.0	44.92		ug/Kg		90	80 - 120	4	20
Benzene			50.0	52.30		ug/Kg		105	80 - 120	2	20
Carbon tetrachloride			50.0	52.33		ug/Kg		105	80 - 125	2	20
Chlorobenzene			50.0	55.51		ug/Kg		111	80 - 120	2	20
Ethylbenzene			50.0	51.16		ug/Kg		102	80 - 120	1	20
Methyl-t-Butyl Ether (MTBE)			50.0	49.19		ug/Kg		98	73 - 137	4	20
o-Xylene			50.0	49.24		ug/Kg		98	80 - 120	2	20
m,p-Xylene			100	99.13		ug/Kg		99	80 - 120	1	20
Toluene			50.0	49.99		ug/Kg		100	80 - 120	2	20
Trichloroethene			50.0	55.47		ug/Kg		111	80 - 120	3	20
Vinyl chloride			50.0	48.00		ug/Kg		96	77 - 138	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*80 - 142*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*
Dibromofluoromethane (Surr)	*92*		*80 - 123*
Toluene-d8 (Surr)	*95*		*80 - 120*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-227667/1-A
Matrix: Solid
Analysis Batch: 227694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227667

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C7 as C7	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C8 as C8	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C9-C10	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C11-C12	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C13-C14	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C15-C16	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C17-C18	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C19-C20	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C21-C22	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C23-C24	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C25-C28	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C29-C32	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C33-C36	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C37-C40	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C41-C44	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
C6-C44	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1
Diesel Range Organics [C10-C28]	ND		5.0		mg/Kg		04/19/22 11:09	04/19/22 16:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*81*		*60 - 138*	*04/19/22 11:09*	*04/19/22 16:53*	*1*

Lab Sample ID: LCS 570-227667/2-A
Matrix: Solid
Analysis Batch: 227694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227667

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	376.5		mg/Kg		94	80 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*86*		*60 - 138*

Lab Sample ID: LCSD 570-227667/3-A
Matrix: Solid
Analysis Batch: 227694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227667

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	385.2		mg/Kg		96	80 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*82*		*60 - 138*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-92602-1 MS
Matrix: Solid
Analysis Batch: 227694

Client Sample ID: B-8-1
Prep Type: Total/NA
Prep Batch: 227667

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	51		397	415.0		mg/Kg		92	43 - 165

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*84*		*60 - 138*

Lab Sample ID: 570-92602-1 MSD
Matrix: Solid
Analysis Batch: 227694

Client Sample ID: B-8-1
Prep Type: Total/NA
Prep Batch: 227667

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	51		396	404.6		mg/Kg		89	43 - 165	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*87*		*60 - 138*

Lab Sample ID: MB 570-227669/1-A
Matrix: Solid
Analysis Batch: 227783

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227669

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C7 as C7	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C8 as C8	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C9-C10	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C11-C12	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C13-C14	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C15-C16	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C17-C18	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C19-C20	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C21-C22	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C23-C24	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C25-C28	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C29-C32	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C33-C36	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C37-C40	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C41-C44	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C6-C44	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
Diesel Range Organics [C10-C28]	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*60 - 138*	*04/19/22 11:22*	*04/19/22 22:14*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-227669/2-A
Matrix: Solid
Analysis Batch: 227783

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227669

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	354.0		mg/Kg		89	80 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*87*		*60 - 138*

Lab Sample ID: LCSD 570-227669/3-A
Matrix: Solid
Analysis Batch: 227783

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227669

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	386.7		mg/Kg		97	80 - 130	9	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*88*		*60 - 138*

Lab Sample ID: 570-92602-21 MS
Matrix: Solid
Analysis Batch: 227783

Client Sample ID: B-10-5
Prep Type: Total/NA
Prep Batch: 227669

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		396	386.1		mg/Kg		98	43 - 165		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*89*		*60 - 138*

Lab Sample ID: 570-92602-21 MSD
Matrix: Solid
Analysis Batch: 227783

Client Sample ID: B-10-5
Prep Type: Total/NA
Prep Batch: 227669

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		394	400.5		mg/Kg		102	43 - 165	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*60 - 138*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-227134/1-A
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
4,4'-DDE	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
4,4'-DDT	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 570-227134/1-A
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
alpha-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
alpha-Chlordane	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
beta-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
Chlordane	ND		25		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
delta-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
Dieldrin	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
Endosulfan I	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
Endosulfan II	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
Endosulfan sulfate	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
Endrin	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
Endrin aldehyde	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
Endrin ketone	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
gamma-Chlordane	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
gamma-BHC	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
Heptachlor	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
Heptachlor epoxide	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
Methoxychlor	ND		5.0		ug/Kg		04/15/22 17:45	04/20/22 00:51	1
Toxaphene	ND		25		ug/Kg		04/15/22 17:45	04/20/22 00:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*85*		*38 - 148*	*04/15/22 17:45*	*04/20/22 00:51*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*37 - 151*	*04/15/22 17:45*	*04/20/22 00:51*	*1*

Lab Sample ID: LCS 570-227134/2-A
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	25.0	25.28		ug/Kg		101	54 - 154
4,4'-DDE	25.0	23.29		ug/Kg		93	51 - 149
4,4'-DDT	25.0	25.51		ug/Kg		102	39 - 152
Aldrin	25.0	20.69		ug/Kg		83	52 - 138
alpha-BHC	25.0	23.28		ug/Kg		93	51 - 140
alpha-Chlordane	25.0	22.64		ug/Kg		91	53 - 141
beta-BHC	25.0	22.74		ug/Kg		91	53 - 141
delta-BHC	25.0	23.75		ug/Kg		95	20 - 132
Dieldrin	25.0	22.80		ug/Kg		91	52 - 144
Endosulfan I	25.0	22.63		ug/Kg		91	49 - 139
Endosulfan II	25.0	23.74		ug/Kg		95	51 - 150
Endosulfan sulfate	25.0	23.85		ug/Kg		95	45 - 139
Endrin	25.0	21.92		ug/Kg		88	53 - 151
Endrin aldehyde	25.0	23.18		ug/Kg		93	31 - 146
gamma-Chlordane	25.0	22.95		ug/Kg		92	46 - 156
gamma-BHC	25.0	23.56		ug/Kg		94	53 - 141
Heptachlor	25.0	23.52		ug/Kg		94	52 - 144
Heptachlor epoxide	25.0	22.23		ug/Kg		89	54 - 141
Methoxychlor	25.0	24.19		ug/Kg		97	47 - 148

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-227134/2-A
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*93*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*94*		*37 - 151*

Lab Sample ID: LCSD 570-227134/3-A
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227134

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			25.0	19.01		ug/Kg		76	54 - 154	28	30
4,4'-DDE			25.0	20.24		ug/Kg		81	51 - 149	14	28
4,4'-DDT			25.0	20.23		ug/Kg		81	39 - 152	23	31
Aldrin			25.0	20.71		ug/Kg		83	52 - 138	0	30
alpha-BHC			25.0	20.83		ug/Kg		83	51 - 140	11	29
alpha-Chlordane			25.0	20.63		ug/Kg		83	53 - 141	9	28
beta-BHC			25.0	20.29		ug/Kg		81	53 - 141	11	29
delta-BHC			25.0	21.78		ug/Kg		87	20 - 132	9	40
Dieldrin			25.0	20.87		ug/Kg		83	52 - 144	9	28
Endosulfan I			25.0	24.44		ug/Kg		98	49 - 139	8	28
Endosulfan II			25.0	22.40		ug/Kg		90	51 - 150	6	29
Endosulfan sulfate			25.0	20.72		ug/Kg		83	45 - 139	14	30
Endrin			25.0	18.77		ug/Kg		75	53 - 151	16	29
Endrin aldehyde			25.0	20.38		ug/Kg		82	31 - 146	13	40
gamma-Chlordane			25.0	21.04		ug/Kg		84	46 - 156	9	39
gamma-BHC			25.0	21.01		ug/Kg		84	53 - 141	11	29
Heptachlor			25.0	22.06		ug/Kg		88	52 - 144	6	29
Heptachlor epoxide			25.0	20.57		ug/Kg		82	54 - 141	8	29
Methoxychlor			25.0	19.87		ug/Kg		79	47 - 148	20	29

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*77*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*78*		*37 - 151*

Lab Sample ID: 570-92140-B-1-I MS
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227134

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	ND		24.9	23.73		ug/Kg		95	27 - 144
4,4'-DDE	ND	*1	24.9	20.98	p	ug/Kg		84	28 - 141
4,4'-DDT	ND	*1	24.9	26.49		ug/Kg		107	10 - 154
Aldrin	ND		24.9	17.07		ug/Kg		69	26 - 125
alpha-BHC	ND		24.9	17.37		ug/Kg		70	24 - 125
alpha-Chlordane	ND		24.9	16.76	p	ug/Kg		67	17 - 144
beta-BHC	ND		24.9	16.33	p	ug/Kg		66	28 - 125
delta-BHC	ND		24.9	18.21		ug/Kg		73	10 - 125
Dieldrin	ND		24.9	19.48	p	ug/Kg		78	19 - 145
Endosulfan I	ND		24.9	18.07		ug/Kg		73	25 - 125
Endosulfan II	ND		24.9	19.39		ug/Kg		78	13 - 142

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 570-92140-B-1-I MS
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227134

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endosulfan sulfate	ND		24.9	15.67	p	ug/Kg		63	14 - 126
Endrin	ND		24.9	14.48	p	ug/Kg		58	28 - 139
Endrin aldehyde	ND		24.9	18.83		ug/Kg		76	12 - 125
gamma-Chlordane	ND		24.9	17.86		ug/Kg		72	10 - 160
gamma-BHC	ND		24.9	16.70		ug/Kg		67	24 - 125
Heptachlor	ND		24.9	19.97		ug/Kg		80	19 - 127
Heptachlor epoxide	ND		24.9	19.25		ug/Kg		77	33 - 123
Methoxychlor	ND		24.9	19.22	p	ug/Kg		77	19 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*63*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*64*		*37 - 151*

Lab Sample ID: 570-92140-B-1-J MSD
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227134

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	ND		24.8	26.78		ug/Kg		108	27 - 144	12	40
4,4'-DDE	ND	*1	24.8	22.62	p	ug/Kg		91	28 - 141	7	32
4,4'-DDT	ND	*1	24.8	24.74		ug/Kg		100	10 - 154	7	40
Aldrin	ND		24.8	18.90		ug/Kg		76	26 - 125	10	40
alpha-BHC	ND		24.8	19.69		ug/Kg		79	24 - 125	13	40
alpha-Chlordane	ND		24.8	18.62	p	ug/Kg		75	17 - 144	10	40
beta-BHC	ND		24.8	18.02	p	ug/Kg		73	28 - 125	10	39
delta-BHC	ND		24.8	20.81		ug/Kg		84	10 - 125	13	40
Dieldrin	ND		24.8	27.62		ug/Kg		111	19 - 145	35	39
Endosulfan I	ND		24.8	18.61		ug/Kg		75	25 - 125	3	39
Endosulfan II	ND		24.8	20.41		ug/Kg		82	13 - 142	5	40
Endosulfan sulfate	ND		24.8	19.46	p	ug/Kg		78	14 - 126	22	38
Endrin	ND		24.8	16.29	p	ug/Kg		66	28 - 139	12	40
Endrin aldehyde	ND		24.8	17.30		ug/Kg		70	12 - 125	9	40
gamma-Chlordane	ND		24.8	19.50		ug/Kg		79	10 - 160	9	40
gamma-BHC	ND		24.8	18.76		ug/Kg		76	24 - 125	12	40
Heptachlor	ND		24.8	20.81		ug/Kg		84	19 - 127	4	40
Heptachlor epoxide	ND		24.8	20.72		ug/Kg		84	33 - 123	7	34
Methoxychlor	ND		24.8	18.51	p	ug/Kg		75	19 - 128	4	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*71*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*74*		*37 - 151*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-671137/1-A ^5
Matrix: Solid
Analysis Batch: 671269

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 671137

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.503		mg/L		04/16/22 13:26	04/19/22 13:27	5
Antimony	ND		10.1		mg/L		04/16/22 13:26	04/19/22 13:27	5
Beryllium	ND		0.503		mg/L		04/16/22 13:26	04/19/22 13:27	5
Barium	ND		3.02		mg/L		04/16/22 13:26	04/19/22 13:27	5
Thallium	ND		10.1		mg/L		04/16/22 13:26	04/19/22 13:27	5
Molybdenum	ND		2.01		mg/L		04/16/22 13:26	04/19/22 13:27	5
Nickel	ND		2.01		mg/L		04/16/22 13:26	04/19/22 13:27	5
Vanadium	ND		1.01		mg/L		04/16/22 13:26	04/19/22 13:27	5
Silver	ND		1.51		mg/L		04/16/22 13:26	04/19/22 13:27	5
Arsenic	ND		3.02		mg/L		04/16/22 13:26	04/19/22 13:27	5
Copper	ND		2.01		mg/L		04/16/22 13:26	04/19/22 13:27	5
Lead	ND		2.01		mg/L		04/16/22 13:26	04/19/22 13:27	5
Zinc	ND		5.03		mg/L		04/16/22 13:26	04/19/22 13:27	5
Selenium	ND		3.02		mg/L		04/16/22 13:26	04/19/22 13:27	5
Chromium	ND		1.01		mg/L		04/16/22 13:26	04/19/22 13:27	5
Cobalt	ND		1.01		mg/L		04/16/22 13:26	04/19/22 13:27	5

Lab Sample ID: LCS 440-671137/2-A ^5
Matrix: Solid
Analysis Batch: 671269

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 671137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	50.0	44.60		mg/L		89	80 - 120
Antimony	50.0	53.06		mg/L		106	80 - 120
Beryllium	50.0	46.04		mg/L		92	80 - 120
Barium	50.0	45.56		mg/L		91	80 - 120
Thallium	50.0	46.05		mg/L		92	80 - 120
Molybdenum	50.0	46.24		mg/L		92	80 - 120
Nickel	50.0	46.83		mg/L		94	80 - 120
Vanadium	50.0	44.69		mg/L		89	80 - 120
Silver	25.0	23.33		mg/L		93	80 - 120
Arsenic	50.0	46.38		mg/L		93	80 - 120
Copper	50.0	47.04		mg/L		94	80 - 120
Lead	50.0	47.49		mg/L		95	80 - 120
Zinc	50.0	45.29		mg/L		91	80 - 120
Selenium	50.0	44.26		mg/L		89	80 - 120
Chromium	50.0	46.90		mg/L		94	80 - 120
Cobalt	50.0	46.46		mg/L		93	80 - 120

Lab Sample ID: 570-92534-A-1-F MS ^5
Matrix: Solid
Analysis Batch: 671269

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 671137

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	ND		51.0	45.33		mg/L		89	75 - 125
Antimony	ND	F1	51.0	28.00	F1	mg/L		55	75 - 125
Beryllium	ND		51.0	47.95		mg/L		94	75 - 125
Barium	32.0		51.0	85.29		mg/L		104	75 - 125
Thallium	ND		51.0	46.39		mg/L		91	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-92534-A-1-F MS ^5
Matrix: Solid
Analysis Batch: 671269

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 671137

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Molybdenum	ND		51.0	47.53		mg/L		93	75 - 125
Nickel	6.17		51.0	53.75		mg/L		93	75 - 125
Vanadium	13.8		51.0	62.36		mg/L		95	75 - 125
Silver	ND		25.5	23.70		mg/L		93	75 - 125
Arsenic	ND		51.0	50.34		mg/L		93	75 - 125
Copper	7.04		51.0	59.16		mg/L		102	75 - 125
Lead	3.62		51.0	53.14		mg/L		97	75 - 125
Zinc	22.0	F1 F2	51.0	87.36	F1	mg/L		128	75 - 125
Selenium	ND		51.0	45.17		mg/L		89	75 - 125
Chromium	8.41		51.0	57.61		mg/L		96	75 - 125
Cobalt	3.08		51.0	49.26		mg/L		91	75 - 125

Lab Sample ID: 570-92534-A-1-G MSD ^5
Matrix: Solid
Analysis Batch: 671269

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 671137

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	ND		50.0	40.64		mg/L		81	75 - 125	11	20
Antimony	ND	F1	50.0	25.09	F1	mg/L		50	75 - 125	11	20
Beryllium	ND		50.0	42.99		mg/L		86	75 - 125	11	20
Barium	32.0		50.0	75.51		mg/L		87	75 - 125	12	20
Thallium	ND		50.0	41.54		mg/L		83	75 - 125	11	20
Molybdenum	ND		50.0	41.96		mg/L		84	75 - 125	12	20
Nickel	6.17		50.0	47.68		mg/L		83	75 - 125	12	20
Vanadium	13.8		50.0	56.11		mg/L		85	75 - 125	11	20
Silver	ND		25.0	21.13		mg/L		85	75 - 125	11	20
Arsenic	ND		50.0	45.75		mg/L		86	75 - 125	10	20
Copper	7.04		50.0	50.98		mg/L		88	75 - 125	15	20
Lead	3.62		50.0	46.01		mg/L		85	75 - 125	14	20
Zinc	22.0	F1 F2	50.0	63.08	F2	mg/L		82	75 - 125	32	20
Selenium	ND		50.0	40.29		mg/L		81	75 - 125	11	20
Chromium	8.41		50.0	51.61		mg/L		86	75 - 125	11	20
Cobalt	3.08		50.0	44.41		mg/L		83	75 - 125	10	20

Lab Sample ID: MB 440-671138/1-A ^5
Matrix: Solid
Analysis Batch: 671213

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 671138

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.493		mg/L		04/16/22 13:28	04/18/22 19:33	5
Antimony	ND		9.85		mg/L		04/16/22 13:28	04/18/22 19:33	5
Beryllium	ND		0.493		mg/L		04/16/22 13:28	04/18/22 19:33	5
Barium	ND		2.96		mg/L		04/16/22 13:28	04/18/22 19:33	5
Thallium	ND		9.85		mg/L		04/16/22 13:28	04/18/22 19:33	5
Molybdenum	ND		1.97		mg/L		04/16/22 13:28	04/18/22 19:33	5
Nickel	ND		1.97		mg/L		04/16/22 13:28	04/18/22 19:33	5
Vanadium	ND		0.985		mg/L		04/16/22 13:28	04/18/22 19:33	5
Silver	ND		1.48		mg/L		04/16/22 13:28	04/18/22 19:33	5
Arsenic	ND		2.96		mg/L		04/16/22 13:28	04/18/22 19:33	5

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 440-671138/1-A ^5
Matrix: Solid
Analysis Batch: 671213

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 671138

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		1.97		mg/L		04/16/22 13:28	04/18/22 19:33	5
Lead	ND		1.97		mg/L		04/16/22 13:28	04/18/22 19:33	5
Zinc	ND		4.93		mg/L		04/16/22 13:28	04/18/22 19:33	5
Selenium	ND		2.96		mg/L		04/16/22 13:28	04/18/22 19:33	5
Chromium	ND		0.985		mg/L		04/16/22 13:28	04/18/22 19:33	5
Cobalt	ND		0.985		mg/L		04/16/22 13:28	04/18/22 19:33	5

Lab Sample ID: LCS 440-671138/2-A ^5
Matrix: Solid
Analysis Batch: 671213

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 671138

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	49.5	45.33		mg/L		92	80 - 120
Antimony	49.5	50.41		mg/L		102	80 - 120
Beryllium	49.5	46.25		mg/L		93	80 - 120
Barium	49.5	45.84		mg/L		93	80 - 120
Thallium	49.5	46.82		mg/L		95	80 - 120
Molybdenum	49.5	48.63		mg/L		98	80 - 120
Nickel	49.5	46.08		mg/L		93	80 - 120
Vanadium	49.5	46.16		mg/L		93	80 - 120
Silver	24.8	23.24		mg/L		94	80 - 120
Arsenic	49.5	46.63		mg/L		94	80 - 120
Copper	49.5	45.89		mg/L		93	80 - 120
Lead	49.5	47.07		mg/L		95	80 - 120
Zinc	49.5	44.84		mg/L		91	80 - 120
Selenium	49.5	44.60		mg/L		90	80 - 120
Chromium	49.5	45.61		mg/L		92	80 - 120
Cobalt	49.5	46.66		mg/L		94	80 - 120

Lab Sample ID: 570-92282-B-1-D MS ^5
Matrix: Solid
Analysis Batch: 671213

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 671138

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	ND		49.3	46.27		mg/L		94	75 - 125
Antimony	ND	F1	49.3	12.65	F1	mg/L		26	75 - 125
Beryllium	ND		49.3	49.40		mg/L		99	75 - 125
Barium	72.1		49.3	118.1		mg/L		93	75 - 125
Thallium	ND		49.3	46.87		mg/L		95	75 - 125
Molybdenum	ND		49.3	47.64		mg/L		95	75 - 125
Nickel	14.7		49.3	61.03		mg/L		94	75 - 125
Vanadium	29.9		49.3	83.36		mg/L		109	75 - 125
Silver	ND		24.6	24.24		mg/L		98	75 - 125
Arsenic	4.57		49.3	52.68		mg/L		98	75 - 125
Copper	16.6		49.3	66.85		mg/L		102	75 - 125
Lead	4.34		49.3	51.95		mg/L		97	75 - 125
Zinc	46.3		49.3	91.97		mg/L		93	75 - 125
Selenium	ND		49.3	43.12		mg/L		88	75 - 125
Chromium	18.9		49.3	68.46		mg/L		101	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-92282-B-1-D MS ^5
Matrix: Solid
Analysis Batch: 671213

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 671138

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	7.72		49.3	54.56		mg/L		95	75 - 125

Lab Sample ID: 570-92282-B-1-E MSD ^5
Matrix: Solid
Analysis Batch: 671213

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 671138

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	ND		50.0	46.46		mg/L		93	75 - 125	0	20
Antimony	ND	F1	50.0	12.00	F1	mg/L		24	75 - 125	5	20
Beryllium	ND		50.0	49.54		mg/L		98	75 - 125	0	20
Barium	72.1		50.0	133.0		mg/L		122	75 - 125	12	20
Thallium	ND		50.0	45.98		mg/L		92	75 - 125	2	20
Molybdenum	ND		50.0	48.01		mg/L		95	75 - 125	1	20
Nickel	14.7		50.0	63.58		mg/L		98	75 - 125	4	20
Vanadium	29.9		50.0	85.85		mg/L		112	75 - 125	3	20
Silver	ND		25.0	24.33		mg/L		97	75 - 125	0	20
Arsenic	4.57		50.0	52.26		mg/L		95	75 - 125	1	20
Copper	16.6		50.0	68.20		mg/L		103	75 - 125	2	20
Lead	4.34		50.0	52.81		mg/L		97	75 - 125	2	20
Zinc	46.3		50.0	96.38		mg/L		100	75 - 125	5	20
Selenium	ND		50.0	43.29		mg/L		87	75 - 125	0	20
Chromium	18.9		50.0	72.21		mg/L		107	75 - 125	5	20
Cobalt	7.72		50.0	55.09		mg/L		95	75 - 125	1	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-227080/1-A
Matrix: Solid
Analysis Batch: 227120

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227080

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0877		mg/Kg		04/15/22 14:18	04/15/22 18:30	1

Lab Sample ID: LCS 570-227080/2-A
Matrix: Solid
Analysis Batch: 227120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227080

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.847	0.9518		mg/Kg		112	85 - 121

Lab Sample ID: LCSD 570-227080/3-A
Matrix: Solid
Analysis Batch: 227120

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227080

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.820	0.9182		mg/Kg		112	85 - 121	4	10

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: 570-92542-A-1-D MS
Matrix: Solid
Analysis Batch: 227120

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227080

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.332		0.877	1.296		mg/Kg		110	71 - 137

Lab Sample ID: 570-92542-A-1-E MSD
Matrix: Solid
Analysis Batch: 227120

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227080

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.332		0.877	1.300		mg/Kg		110	71 - 137	0	14

Client: Roux Associates, Inc.
Job ID: 570-92602-1
Project/Site: First Industrial-Ontario / 3661.0016L

GC/MS VOA

Prep Batch: 227196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-1	B-8-1	Total/NA	Solid	5035	
570-92602-3	B-8-5	Total/NA	Solid	5035	
570-92602-4	B-8-15	Total/NA	Solid	5035	
570-92602-7	B-9-5	Total/NA	Solid	5035	
570-92602-8	B-9-15	Total/NA	Solid	5035	
570-92602-9	B-7-1	Total/NA	Solid	5035	
570-92602-11	B-7-5	Total/NA	Solid	5035	
570-92602-12	B-7-5-D	Total/NA	Solid	5035	
570-92602-13	B-7-15	Total/NA	Solid	5035	
570-92602-14	B-6-1	Total/NA	Solid	5035	
570-92602-16	B-6-5	Total/NA	Solid	5035	
570-92602-17	B-6-15	Total/NA	Solid	5035	
570-92602-18	B-10-1	Total/NA	Solid	5035	
570-92602-19	B-10-1-D	Total/NA	Solid	5035	
570-92602-21	B-10-5	Total/NA	Solid	5035	
570-92602-22	B-5-1	Total/NA	Solid	5035	
570-92602-23	B-5-3	Total/NA	Solid	5035	
570-92602-24	B-5-5	Total/NA	Solid	5035	

Analysis Batch: 227330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-1	B-8-1	Total/NA	Solid	8260B	227196
570-92602-3	B-8-5	Total/NA	Solid	8260B	227196
570-92602-4	B-8-15	Total/NA	Solid	8260B	227196
570-92602-7	B-9-5	Total/NA	Solid	8260B	227196
570-92602-8	B-9-15	Total/NA	Solid	8260B	227196
570-92602-9	B-7-1	Total/NA	Solid	8260B	227196
570-92602-11	B-7-5	Total/NA	Solid	8260B	227196
570-92602-12	B-7-5-D	Total/NA	Solid	8260B	227196
570-92602-13	B-7-15	Total/NA	Solid	8260B	227196
570-92602-14	B-6-1	Total/NA	Solid	8260B	227196
MB 570-227330/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-227330/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-227330/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 227414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-16	B-6-5	Total/NA	Solid	8260B	227196
570-92602-17	B-6-15	Total/NA	Solid	8260B	227196
570-92602-21	B-10-5	Total/NA	Solid	8260B	227196
570-92602-23	B-5-3	Total/NA	Solid	8260B	227196
570-92602-24	B-5-5	Total/NA	Solid	8260B	227196
MB 570-227414/10	Method Blank	Total/NA	Solid	8260B	
LCS 570-227414/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-227414/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 227596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-18	B-10-1	Total/NA	Solid	8260B	227196
570-92602-19	B-10-1-D	Total/NA	Solid	8260B	227196
570-92602-22	B-5-1	Total/NA	Solid	8260B	227196

GC/MS VOA (Continued)

Analysis Batch: 227596 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-227596/5	Method Blank	Total/NA	Solid	8260B	
LCS 570-227596/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-227596/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC Semi VOA

Prep Batch: 227134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-14	B-6-1	Total/NA	Solid	3546	
570-92602-18	B-10-1	Total/NA	Solid	3546	
570-92602-19	B-10-1-D	Total/NA	Solid	3546	
MB 570-227134/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-227134/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-227134/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-92140-B-1-I MS	Matrix Spike	Total/NA	Solid	3546	
570-92140-B-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 227321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-14	B-6-1	Total/NA	Solid	8081A	227134
570-92602-18	B-10-1	Total/NA	Solid	8081A	227134
570-92602-19	B-10-1-D	Total/NA	Solid	8081A	227134
MB 570-227134/1-A	Method Blank	Total/NA	Solid	8081A	227134
LCS 570-227134/2-A	Lab Control Sample	Total/NA	Solid	8081A	227134
LCSD 570-227134/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	227134
570-92140-B-1-I MS	Matrix Spike	Total/NA	Solid	8081A	227134
570-92140-B-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8081A	227134

Prep Batch: 227667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-1	B-8-1	Total/NA	Solid	3550C	
570-92602-3	B-8-5	Total/NA	Solid	3550C	
570-92602-7	B-9-5	Total/NA	Solid	3550C	
570-92602-9	B-7-1	Total/NA	Solid	3550C	
570-92602-11	B-7-5	Total/NA	Solid	3550C	
570-92602-12	B-7-5-D	Total/NA	Solid	3550C	
570-92602-14	B-6-1	Total/NA	Solid	3550C	
570-92602-16	B-6-5	Total/NA	Solid	3550C	
570-92602-18	B-10-1	Total/NA	Solid	3550C	
570-92602-19	B-10-1-D	Total/NA	Solid	3550C	
MB 570-227667/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-227667/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-227667/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-92602-1 MS	B-8-1	Total/NA	Solid	3550C	
570-92602-1 MSD	B-8-1	Total/NA	Solid	3550C	

Prep Batch: 227669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-21	B-10-5	Total/NA	Solid	3550C	
570-92602-22	B-5-1	Total/NA	Solid	3550C	
570-92602-23	B-5-3	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 227669 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-24	B-5-5	Total/NA	Solid	3550C	
MB 570-227669/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-227669/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-227669/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-92602-21 MS	B-10-5	Total/NA	Solid	3550C	
570-92602-21 MSD	B-10-5	Total/NA	Solid	3550C	

Analysis Batch: 227694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-1	B-8-1	Total/NA	Solid	8015B	227667
570-92602-3	B-8-5	Total/NA	Solid	8015B	227667
570-92602-7	B-9-5	Total/NA	Solid	8015B	227667
570-92602-9	B-7-1	Total/NA	Solid	8015B	227667
570-92602-11	B-7-5	Total/NA	Solid	8015B	227667
570-92602-12	B-7-5-D	Total/NA	Solid	8015B	227667
570-92602-14	B-6-1	Total/NA	Solid	8015B	227667
570-92602-16	B-6-5	Total/NA	Solid	8015B	227667
570-92602-18	B-10-1	Total/NA	Solid	8015B	227667
570-92602-19	B-10-1-D	Total/NA	Solid	8015B	227667
MB 570-227667/1-A	Method Blank	Total/NA	Solid	8015B	227667
LCS 570-227667/2-A	Lab Control Sample	Total/NA	Solid	8015B	227667
LCSD 570-227667/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	227667
570-92602-1 MS	B-8-1	Total/NA	Solid	8015B	227667
570-92602-1 MSD	B-8-1	Total/NA	Solid	8015B	227667

Analysis Batch: 227783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-21	B-10-5	Total/NA	Solid	8015B	227669
570-92602-22	B-5-1	Total/NA	Solid	8015B	227669
570-92602-23	B-5-3	Total/NA	Solid	8015B	227669
570-92602-24	B-5-5	Total/NA	Solid	8015B	227669
MB 570-227669/1-A	Method Blank	Total/NA	Solid	8015B	227669
LCS 570-227669/2-A	Lab Control Sample	Total/NA	Solid	8015B	227669
LCSD 570-227669/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	227669
570-92602-21 MS	B-10-5	Total/NA	Solid	8015B	227669
570-92602-21 MSD	B-10-5	Total/NA	Solid	8015B	227669

Metals

Prep Batch: 227080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-1	B-8-1	Total/NA	Solid	7471A	
570-92602-3	B-8-5	Total/NA	Solid	7471A	
570-92602-7	B-9-5	Total/NA	Solid	7471A	
570-92602-9	B-7-1	Total/NA	Solid	7471A	
570-92602-11	B-7-5	Total/NA	Solid	7471A	
570-92602-12	B-7-5-D	Total/NA	Solid	7471A	
570-92602-14	B-6-1	Total/NA	Solid	7471A	
570-92602-16	B-6-5	Total/NA	Solid	7471A	
570-92602-18	B-10-1	Total/NA	Solid	7471A	
570-92602-19	B-10-1-D	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 227080 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-21	B-10-5	Total/NA	Solid	7471A	
570-92602-22	B-5-1	Total/NA	Solid	7471A	
570-92602-23	B-5-3	Total/NA	Solid	7471A	
570-92602-24	B-5-5	Total/NA	Solid	7471A	
MB 570-227080/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-227080/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-227080/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-92542-A-1-D MS	Matrix Spike	Total/NA	Solid	7471A	
570-92542-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Analysis Batch: 227120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-1	B-8-1	Total/NA	Solid	7471A	227080
570-92602-3	B-8-5	Total/NA	Solid	7471A	227080
570-92602-7	B-9-5	Total/NA	Solid	7471A	227080
570-92602-9	B-7-1	Total/NA	Solid	7471A	227080
570-92602-11	B-7-5	Total/NA	Solid	7471A	227080
570-92602-12	B-7-5-D	Total/NA	Solid	7471A	227080
570-92602-14	B-6-1	Total/NA	Solid	7471A	227080
570-92602-16	B-6-5	Total/NA	Solid	7471A	227080
570-92602-18	B-10-1	Total/NA	Solid	7471A	227080
570-92602-19	B-10-1-D	Total/NA	Solid	7471A	227080
570-92602-21	B-10-5	Total/NA	Solid	7471A	227080
570-92602-22	B-5-1	Total/NA	Solid	7471A	227080
570-92602-23	B-5-3	Total/NA	Solid	7471A	227080
570-92602-24	B-5-5	Total/NA	Solid	7471A	227080
MB 570-227080/1-A	Method Blank	Total/NA	Solid	7471A	227080
LCS 570-227080/2-A	Lab Control Sample	Total/NA	Solid	7471A	227080
LCSD 570-227080/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	227080
570-92542-A-1-D MS	Matrix Spike	Total/NA	Solid	7471A	227080
570-92542-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	227080

Prep Batch: 671137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-14	B-6-1	Total/NA	Solid	3050B	
570-92602-18	B-10-1	Total/NA	Solid	3050B	
570-92602-19	B-10-1-D	Total/NA	Solid	3050B	
570-92602-22	B-5-1	Total/NA	Solid	3050B	
570-92602-23	B-5-3	Total/NA	Solid	3050B	
570-92602-24	B-5-5	Total/NA	Solid	3050B	
MB 440-671137/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-671137/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
570-92534-A-1-F MS ^5	Matrix Spike	Total/NA	Solid	3050B	
570-92534-A-1-G MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Prep Batch: 671138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-1	B-8-1	Total/NA	Solid	3050B	
570-92602-3	B-8-5	Total/NA	Solid	3050B	
570-92602-7	B-9-5	Total/NA	Solid	3050B	
570-92602-9	B-7-1	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 671138 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-11	B-7-5	Total/NA	Solid	3050B	
570-92602-12	B-7-5-D	Total/NA	Solid	3050B	
570-92602-16	B-6-5	Total/NA	Solid	3050B	
570-92602-21	B-10-5	Total/NA	Solid	3050B	
MB 440-671138/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-671138/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
570-92282-B-1-D MS ^5	Matrix Spike	Total/NA	Solid	3050B	
570-92282-B-1-E MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 671213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-1	B-8-1	Total/NA	Solid	6010B	671138
570-92602-3	B-8-5	Total/NA	Solid	6010B	671138
570-92602-7	B-9-5	Total/NA	Solid	6010B	671138
570-92602-9	B-7-1	Total/NA	Solid	6010B	671138
570-92602-11	B-7-5	Total/NA	Solid	6010B	671138
570-92602-12	B-7-5-D	Total/NA	Solid	6010B	671138
570-92602-16	B-6-5	Total/NA	Solid	6010B	671138
570-92602-21	B-10-5	Total/NA	Solid	6010B	671138
MB 440-671138/1-A ^5	Method Blank	Total/NA	Solid	6010B	671138
LCS 440-671138/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	671138
570-92282-B-1-D MS ^5	Matrix Spike	Total/NA	Solid	6010B	671138
570-92282-B-1-E MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	671138

Analysis Batch: 671269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92602-14	B-6-1	Total/NA	Solid	6010B	671137
570-92602-18	B-10-1	Total/NA	Solid	6010B	671137
570-92602-19	B-10-1-D	Total/NA	Solid	6010B	671137
570-92602-22	B-5-1	Total/NA	Solid	6010B	671137
570-92602-23	B-5-3	Total/NA	Solid	6010B	671137
570-92602-24	B-5-5	Total/NA	Solid	6010B	671137
MB 440-671137/1-A ^5	Method Blank	Total/NA	Solid	6010B	671137
LCS 440-671137/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	671137
570-92534-A-1-F MS ^5	Matrix Spike	Total/NA	Solid	6010B	671137
570-92534-A-1-G MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	671137

Client Sample ID: B-8-1

Lab Sample ID: 570-92602-1

Date Collected: 04/13/22 08:12

Matrix: Solid

Date Received: 04/13/22 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.508 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227330	04/18/22 14:34	N1A	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.05 g	10 mL	227667	04/19/22 11:09	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227694	04/19/22 18:35	N1A	ECL 4
	Instrument ID: GC45									
Total/NA	Prep	3050B			2.02 g	50 mL	671138	04/16/22 13:28	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671213	04/18/22 20:23	P1R	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.62 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 18:52	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-8-5

Lab Sample ID: 570-92602-3

Date Collected: 04/13/22 08:25

Matrix: Solid

Date Received: 04/13/22 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.907 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227330	04/18/22 14:55	N1A	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.13 g	10 mL	227667	04/19/22 11:09	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227694	04/19/22 18:55	N1A	ECL 4
	Instrument ID: GC45									
Total/NA	Prep	3050B			2.03 g	50 mL	671138	04/16/22 13:28	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671213	04/18/22 20:26	P1R	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.60 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 18:54	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-8-15

Lab Sample ID: 570-92602-4

Date Collected: 04/13/22 08:36

Matrix: Solid

Date Received: 04/13/22 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.263 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227330	04/18/22 15:15	N1A	ECL 4
	Instrument ID: GCMSQ									

Lab Chronicle

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92602-1

Client Sample ID: B-9-5

Date Collected: 04/13/22 09:36
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.409 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227330	04/18/22 15:36	N1A	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.11 g	10 mL	227667	04/19/22 11:09	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227694	04/19/22 19:15	N1A	ECL 4
	Instrument ID: GC45									
Total/NA	Prep	3050B			1.97 g	50 mL	671138	04/16/22 13:28	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671213	04/18/22 20:28	P1R	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.61 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 18:56	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-9-15

Date Collected: 04/13/22 09:50
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.583 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227330	04/18/22 15:57	N1A	ECL 4
	Instrument ID: GCMSQ									

Client Sample ID: B-7-1

Date Collected: 04/13/22 10:26
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.76 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227330	04/18/22 16:17	N1A	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.16 g	10 mL	227667	04/19/22 11:09	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227694	04/19/22 19:36	N1A	ECL 4
	Instrument ID: GC45									
Total/NA	Prep	3050B			1.98 g	50 mL	671138	04/16/22 13:28	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671213	04/18/22 20:31	P1R	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.58 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 18:58	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-7-5

Date Collected: 04/13/22 10:43
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.089 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227330	04/18/22 16:38	N1A	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.19 g	10 mL	227667	04/19/22 11:09	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227694	04/19/22 19:57	N1A	ECL 4
	Instrument ID: GC45									
Total/NA	Prep	3050B			1.98 g	50 mL	671138	04/16/22 13:28	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671213	04/18/22 20:33	P1R	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.62 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 19:00	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-7-5-D

Date Collected: 04/13/22 10:43
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.375 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227330	04/18/22 16:59	N1A	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.15 g	10 mL	227667	04/19/22 11:09	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227694	04/19/22 20:17	N1A	ECL 4
	Instrument ID: GC45									
Total/NA	Prep	3050B			1.96 g	50 mL	671138	04/16/22 13:28	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671213	04/18/22 20:36	P1R	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.60 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 19:01	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-7-15

Date Collected: 04/13/22 10:52
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.878 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227330	04/18/22 17:20	N1A	ECL 4
	Instrument ID: GCMSQ									

Lab Chronicle

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92602-1

Client Sample ID: B-6-1

Date Collected: 04/13/22 12:04
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.544 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227330	04/18/22 17:41	N1A	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.12 g	10 mL	227667	04/19/22 11:09	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227694	04/19/22 20:38	N1A	ECL 4
	Instrument ID: GC45									
Total/NA	Prep	3546			20.03 g	10 mL	227134	04/15/22 17:45	SP9M	ECL 4
Total/NA	Analysis	8081A		1			227321	04/20/22 06:48	UHHN	ECL 4
	Instrument ID: GC52A									
Total/NA	Prep	3050B			1.96 g	50 mL	671137	04/16/22 13:26	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671269	04/19/22 14:32	VZ0K	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.60 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 19:03	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-6-5

Date Collected: 04/13/22 12:18
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.465 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227414	04/18/22 12:23	N1A	ECL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3550C			10.16 g	10 mL	227667	04/19/22 11:09	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227694	04/19/22 20:58	N1A	ECL 4
	Instrument ID: GC45									
Total/NA	Prep	3050B			1.96 g	50 mL	671138	04/16/22 13:28	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671213	04/18/22 20:38	P1R	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.62 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 19:05	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-6-15

Date Collected: 04/13/22 12:29
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.714 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227414	04/18/22 12:48	N1A	ECL 4
	Instrument ID: GCMSLL									

Lab Chronicle

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92602-1

Client Sample ID: B-10-1

Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.302 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227596	04/19/22 16:02	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.14 g	10 mL	227667	04/19/22 11:09	KG5J	ECL 4
Total/NA	Analysis	8015B		10			227694	04/19/22 21:18	N1A	ECL 4
	Instrument ID: GC45									
Total/NA	Prep	3546			19.95 g	10 mL	227134	04/15/22 17:45	SP9M	ECL 4
Total/NA	Analysis	8081A		1			227321	04/20/22 07:03	UHHN	ECL 4
	Instrument ID: GC52A									
Total/NA	Prep	3050B			2.03 g	50 mL	671137	04/16/22 13:26	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671269	04/19/22 14:37	VZ0K	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.60 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 19:07	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-10-1-D

Date Collected: 04/13/22 13:13
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.5 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227596	04/19/22 16:22	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.18 g	10 mL	227667	04/19/22 11:09	KG5J	ECL 4
Total/NA	Analysis	8015B		2			227694	04/19/22 22:36	N1A	ECL 4
	Instrument ID: GC45									
Total/NA	Prep	3546			19.98 g	10 mL	227134	04/15/22 17:45	SP9M	ECL 4
Total/NA	Analysis	8081A		1			227321	04/20/22 09:17	UHHN	ECL 4
	Instrument ID: GC52A									
Total/NA	Prep	3050B			2.02 g	50 mL	671137	04/16/22 13:26	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671269	04/19/22 14:35	VZ0K	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.63 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 19:09	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-10-5

Date Collected: 04/13/22 13:29
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.961 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227414	04/18/22 14:05	N1A	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: B-10-5

Date Collected: 04/13/22 13:29
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.13 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227783	04/20/22 00:46	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3050B			1.96 g	50 mL	671138	04/16/22 13:28	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671213	04/18/22 20:40	P1R	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.58 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 19:14	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-5-1

Date Collected: 04/13/22 14:46
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.265 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227596	04/19/22 16:43	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.17 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		10			227783	04/20/22 01:11	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3050B			2.00 g	50 mL	671137	04/16/22 13:26	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671269	04/19/22 14:25	VZ0K	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.62 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 19:16	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-5-3

Date Collected: 04/13/22 14:52
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.322 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227414	04/18/22 14:56	N1A	ECL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3550C			10.12 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227783	04/20/22 01:37	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3050B			2.00 g	50 mL	671137	04/16/22 13:26	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671269	04/19/22 14:27	VZ0K	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.59 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 19:18	VWJ7	ECL 4
	Instrument ID: HG8									

Lab Chronicle

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92602-1

Client Sample ID: B-5-5

Date Collected: 04/13/22 15:01
Date Received: 04/13/22 18:13

Lab Sample ID: 570-92602-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.526 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227414	04/18/22 15:22	N1A	ECL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3550C			10.18 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227783	04/20/22 02:02	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3050B			2.04 g	50 mL	671137	04/16/22 13:26	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671269	04/19/22 14:30	VZ0K	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.63 g	100 mL	227080	04/15/22 14:18	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 19:20	VWJ7	ECL 4
	Instrument ID: HG8									

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

IRV 2 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Roux Associates, Inc.
Job ID: 570-92602-1
Project/Site: First Industrial-Ontario / 3661.0016L

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22
Oregon	NELAP	CA300001	01-31-23

Laboratory: Eurofins Calscience

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10256	06-30-22
California	State	2706	06-30-22
Kansas	NELAP	E-10420	07-31-22
Nevada	State	CA015312022-1	07-31-22
Washington	State	C900	09-03-22

Method Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92602-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 4
8081A	Organochlorine Pesticides (GC)	SW846	ECL 4
6010B	Metals (ICP)	SW846	IRV 2
7471A	Mercury (CVAA)	SW846	ECL 4
3050B	Preparation, Metals	SW846	IRV 2
3546	Microwave Extraction	SW846	ECL 4
3550C	Ultrasonic Extraction	SW846	ECL 4
5035	Closed System Purge and Trap	SW846	ECL 4
7471A	Preparation, Mercury	SW846	ECL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

IRV 2 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92602-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-92602-1	B-8-1	Solid	04/13/22 08:12	04/13/22 18:13
570-92602-3	B-8-5	Solid	04/13/22 08:25	04/13/22 18:13
570-92602-4	B-8-15	Solid	04/13/22 08:36	04/13/22 18:13
570-92602-7	B-9-5	Solid	04/13/22 09:36	04/13/22 18:13
570-92602-8	B-9-15	Solid	04/13/22 09:50	04/13/22 18:13
570-92602-9	B-7-1	Solid	04/13/22 10:26	04/13/22 18:13
570-92602-11	B-7-5	Solid	04/13/22 10:43	04/13/22 18:13
570-92602-12	B-7-5-D	Solid	04/13/22 10:43	04/13/22 18:13
570-92602-13	B-7-15	Solid	04/13/22 10:52	04/13/22 18:13
570-92602-14	B-6-1	Solid	04/13/22 12:04	04/13/22 18:13
570-92602-16	B-6-5	Solid	04/13/22 12:18	04/13/22 18:13
570-92602-17	B-6-15	Solid	04/13/22 12:29	04/13/22 18:13
570-92602-18	B-10-1	Solid	04/13/22 13:13	04/13/22 18:13
570-92602-19	B-10-1-D	Solid	04/13/22 13:13	04/13/22 18:13
570-92602-21	B-10-5	Solid	04/13/22 13:29	04/13/22 18:13
570-92602-22	B-5-1	Solid	04/13/22 14:46	04/13/22 18:13
570-92602-23	B-5-3	Solid	04/13/22 14:52	04/13/22 18:13
570-92602-24	B-5-5	Solid	04/13/22 15:01	04/13/22 18:13

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570-92602 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE 4-13-2022

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7440 [illegible]

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LABORATORY CLIENT: Roux Associates Inc	S: First Industrial-Ontario / 3661 0016L
ADDRESS: 5150 E Pacific Coast Hwy Suite 450	P O NO: 57010772
CITY: Long Beach STATE: CA ZIP: 90804	PROJECT CONTACT: Peter Shimer
TEL: 310-879-4900 E-MAIL: pshimer@rouxinc com	SAMPLER(S) (PRINT): Ian Cross

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

☐ COELT EDF | GLOBAL ID | LOG CODE.

SPECIAL INSTRUCTIONS

Revised COC received from Peter Shimer (Roux) on 04/15/2022 at 10:02am.
-Virendra (ECI)

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6 C44	TPH CC by 8015M (g d o)	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	* Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☒ 6010/7471A ☐ 6020/7471	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6	1 4-Dioxane (8270)	Hold	Asbestos - OSHA 1D-191	OCPs - 8081A
1	B-8-1	4-13-22	0812	Soil	5							X		X		X					X			X	X
2	B-8-3		0819		4																		X		
3	B-8-5		0825		4							X		X		X					X				
4	B-8-15		0836		3									X		X									
5	B-9-1		0906		5							X		X		X					X			X	X
6	B-9-3		0924		4																X,TCLP		X		
7	B-9-5		0936		4							X		X		X					X				
8	B-9-15		0950		3									X		X									
9	B-7-1		1026		5							X		X		X					X			X	X
10	B-7-3	↓	1035	↓	4																		X		

IC

Relinquished by: (Signature) [signature]	Received by: (Signature/Affiliation) [signature]	Date 04/13/22	Time 18:13
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

2.2/3.9 IR 96

06/02/14 Revision

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Item B - 1445 of 1550 4/21/2022

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570-92602 Chain of Custody

92602
CHAIN OF CUSTODY RECORD

DATE 9-13-2022
PAGE 1 OF 3

LABORATORY CLIENT	Roux Associates Inc		
ADDRESS	5150 E Pacific Coast Hwy Suite 450		
CITY: Long Beach	STATE: CA	ZIP: 90804	
TEL: 310-879-4900	E-MAIL: pshimer@rouxinc com		

S	P O NO
First Industrial-Ontario / 3661 0016L	57010772
PROJECT CONTACT: Peter Shimer	SAMPLER(S) (PRINT): Ian Cross

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF | GLOBAL ID | LOG CODE:

SPECIAL INSTRUCTIONS

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6 C44	TPH CC by 8015M (g d o)	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260) *	Prep (5035) ☐ En Core ☒ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☒ 6010/7471A ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6	1 4-Dioxane (8270)	Hold	Asbestos - OSHA ID-191	OCPs - 8081A
1	B-8-1	9-13-22	0812	Soil	5							X		X		X					X				X	X
2	B-8-3	↓	0819	↓	4																			X		
3	B-8-5		0825		4							X		X		X					X					
4	B-8-15		0836		3									X		X										
5	B-9-1		0906		5							X		X		X					X				X	X
6	B-9-3		0924		4																~~X~~			X		
7	B-9-5		0936		4							X		X		X					X					
8	B-9-15		0950		3									X		X										
9	B-7-1		1026		5							X		X		X					X				X	X
10	B-7-3	↓	1035	↓	4																			X		

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Ian Cross	[signature]	09/13/22	18:13
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

2.2/3.9 IR96

06/02/14 Revision

92602

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CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE 4-13-2022

PAGE 2 OF 3

7440 [illegible]
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

LABORATORY CLIENT: Roux Associates Inc	S: First Industrial-Ontario / 3661 0016L
ADDRESS: 5150 E Pacific Coast Hwy Suite 450	P O NO: 57010772
CITY: Long Beach STATE: CA ZIP: 90804	PROJECT CONTACT: Peter Shimer
TEL: 310-879-4900 E-MAIL: pshimer@rouxinc com	SAMPLER(S) (PRINT): Ian Cross

TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD")

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

☐ COELT EDF | GLOBAL ID | LOG CODE:

SPECIAL INSTRUCTIONS

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH CC by 8015M (g d o)	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	* Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/7471A ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6	1 4 Dioxane (8270)	Hold	OCPs - 8081A	Actuators - OSHA 29-191
11	B-7-5	4-13-22	1043	Soil	4							X		X		X					X					
12	B-7-5-D		1043		4							X		X		X					X					
13	B-7-15		1052		3									X		X										
14	B-6-1		1204		5							X		X		X					X				X	X
15	B-6-3		1212		4																			X		
16	B-6-5		1218		4							X		X		X					X					
17	B-6-15		1229		3									X		X										
18	B-10-1		1313		5							X		X		X					X				X	X
19	B-10-1-D		1313		5							X		X		X					X				X	X
20	B-10-3		1321		4																			X		

Relinquished by: (Signature) Ian Cross	Received by: (Signature/Affiliation)	Date: 04/13/22	Time: 18:13
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

06/02/14 Revision

92602

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CHAIN OF CUSTODY RECORD

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DATE 4-13-2022

PAGE 3 OF 3

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For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

LABORATORY CLIENT: Roux Associates Inc

ADDRESS: 5150 E Pacific Coast Hwy Suite 450

CITY: Long Beach STATE: CA ZIP: 90804

TEL.: 310-879-4900 E-MAIL.: pshimer@rouxinc com

S: First Industrial-Ontario / 3661 0016L

P O NO: 57010772

PROJECT CONTACT: Peter Shimer

SAMPLER(S) (PRINT): Ian Cross

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS

~~PAHs~~ H = PAHs may be request, hold for analysis

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6 C44	TPH CC by 8015M (g d o)	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	* Oxygenates (8260)	Prep (5035) ☐ En Core ☑ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☑ 6010/7471A ☐ 6020/7471	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6	1 4 Dioxane (8270)	OCPs by 8081A	Asbestos-OSHA ID-191
21	B-10-5	4-13-22	1329	Soil	4							X		X		X					X				
22	B-5-1	↓	1446	↓	6							X		X		X			X	H	X				X	
23	B-5-3		1452		6							X		X		X			X	H	X				X	
24	B-5-5		1501		6							X		X		X			X	H	X				X	

Relinquished by: (Signature) Ian Cross	Received by: (Signature/Affiliation)	Date 04/13/22	Time 1813
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

06/02/14 Revision

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 570-92602-1

Login Number: 92602
List Number: 1
Creator: Vitente, Precy

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-92602-2
Client Project/Site: First Industrial-Ontario / 3661.0016L

For:
Roux Associates, Inc.
5150 E Pacific Coast Highway
Suite 450
Long Beach, California 90804

Attn: David Smith

Virendra R Patel

Authorized for release by:
5/5/2022 2:58:25 PM

Virendra Patel, Project Manager I
(714)895-5494
Virendra.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: Roux Associates, Inc. Job ID: 570-92602-2
Project/Site: First Industrial-Ontario / 3661.0016L

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92602-2

Job ID: 570-92602-2

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-92602-2

Comments
No additional comments.

Receipt
The samples were received on 4/13/2022 6:13 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.9º C.

Receipt Exceptions

The following sample was listed on the Chain of Custody (COC); however, no sample was received: B-9-1 (570-92602-5).

The clients office was contacted with the above sample receipt anomalies. The laboratory was provided written direction on how to proceed, please refer to the COC section of the report for further details.

Lab Admin
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Subcontract Work
Method Asbestos OSHA-ID 191: This method was subcontracted to EMSL Analytical Inc - LA Testing - Pasadena. The subcontract laboratory certification is different from that of the facility issuing the final report.

Method Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92602-2

Method	Method Description	Protocol	Laboratory
Subcontract	Asbestos OSHA-ID 191	None	EMSL-LA

Protocol References:

None = None

Laboratory References:

EMSL-LA = EMSL Analytical Inc - LA Testing - Pasadena, 520 Mission Street, South Pasadena, CA 91030

Sample Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92602-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-92602-1	B-8-1	Solid	04/13/22 08:12	04/13/22 18:13
570-92602-9	B-7-1	Solid	04/13/22 10:26	04/13/22 18:13
570-92602-14	B-6-1	Solid	04/13/22 12:04	04/13/22 18:13
570-92602-18	B-10-1	Solid	04/13/22 13:13	04/13/22 18:13
570-92602-19	B-10-1-D	Solid	04/13/22 13:13	04/13/22 18:13
570-92602-22	B-5-1	Solid	04/13/22 14:46	04/13/22 18:13
570-92602-23	B-5-3	Solid	04/13/22 14:52	04/13/22 18:13
570-92602-24	B-5-5	Solid	04/13/22 15:01	04/13/22 18:13

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone: (800) 303-0047 Fax: (323) 254-9982 Email: Pasadenalab@latesting.com

Attn: **Virendra Patel**
Eurofins Calscience, Inc.
2841 Dow Ave, Suite 100
Tustin, CA 92780

Fax: (714) 894-7501 Phone: (714) 895-5494
Project: 57010772/ First Industrial-Ontario/3661.0016L

Customer ID: 32CALS51
Customer PO:
Received: 04/16/22 12:50 PM
LA Testing Order: 322208211
LA Testing Proj:
Analysis Date: 4/21/2022

Test Report: Asbestos Analysis of Soil Materials via OSHA ID 191 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
B-8-1 (570-92602-1)		Brown		100%	Non-fibrous (other)	**None Detected**
322208211-0001		Non-Fibrous Homogeneous				
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
B-7-1 (570-92602-9)		Brown		100%	Non-fibrous (other)	**None Detected**
322208211-0002		Non-Fibrous Homogeneous				
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
B-6-1 (570-92602-14)		Brown		100%	Non-fibrous (other)	**None Detected**
322208211-0003		Non-Fibrous Homogeneous				
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
B-10-1 (570-92602-18)		Brown		100%	Non-fibrous (other)	**None Detected**
322208211-0004		Non-Fibrous Homogeneous				
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
B-810-1-D (570-92602-19)		Brown		100%	Non-fibrous (other)	**None Detected**
322208211-0005		Non-Fibrous Homogeneous				
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
B-5-1 (570-92602-22)		Brown		100%	Non-fibrous (other)	**None Detected**
322208211-0006		Non-Fibrous Homogeneous				

Analyst(s)
Siepler, James (5)
Talley, John (3)

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

Some samples may contain asbestos fibers present in dimensions below PLM resolution limits.The limit of detection as stated in the method is 0.1%. EMSL Analytical Inc suggests that samples reported as <0.1% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc liability is limited to the cost of sample analysis.The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep.

Initial report from 05/5/2022 13:30

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone: (800) 303-0047 Fax: (323) 254-9982 Email: Pasadenalab@latesting.com

Attn: **Virendra Patel**
Eurofins Calscience, Inc.
2841 Dow Ave, Suite 100
Tustin, CA 92780
Fax: (714) 894-7501 Phone: (714) 895-5494
Project: 57010772/ First Industrial-Ontario/3661.0016L

Customer ID: 32CALS51
Customer PO:
Received: 04/16/22 12:50 PM
LA Testing Order: 322208211
LA Testing Proj:
Analysis Date: 4/21/2022

Test Report: Asbestos Analysis of Soil Materials via OSHA ID 191 Method using Polarized Light Microscopy

Sample	Description	Appearance	%	Fibrous	%	Non-Fibrous	%	Type
B-5-3 (570-92602-23)		Brown			100%	Non-fibrous (other)		**None Detected**
322208211-0007		Non-Fibrous Homogeneous						

Sample	Description	Appearance	%	Fibrous	%	Non-Fibrous	%	Type
B-5-5 (570-92602-24)		Brown			100%	Non-fibrous (other)		**None Detected**
322208211-0008		Non-Fibrous Homogeneous						

Analyst(s)
Siepler, James (5)
Talley, John (3)

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

Some samples may contain asbestos fibers present in dimensions below PLM resolution limits.The limit of detection as stated in the method is 0.1%. EMSL Analytical Inc suggests that samples reported as <0.1% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc liability is limited to the cost of sample analysis.The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep.

Initial report from 05/5/2022 13:30

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone: 714-895-5494

#32220821 Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Patel, Virendra	Carrier Tracking No(s):	COC No: 570-164528.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Virendra.Patel@et.eurofinsus.com	State of Origin: California	Page: Page 1 of 1
Company: EMSL Analytical, Inc.		Accreditations Required (See note): NELAP - Oregon; State - California		Job #: 570-92602-1
Address: 520 Mission Street, ,	Due Date Requested: 4/19/2022			
City: South Pasadena	TAT Requested (days):			
State, Zip: CA, 91030				
Phone:	PO #:			
Email:	WO #:			
Project Name: First Industrial-Ontario / 3661.0016L	Project #: 57010772			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUB (Asbestos OSHA-ID 191)/ Asbestos OSHA-ID 191	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
B-8-1 (570-92602-1)	4/13/22	08:12 Pacific		Solid			X	1	standard TAT
B-7-1 (570-92602-9)	4/13/22	10:26 Pacific		Solid			X	1	standard TAT
B-6-1 (570-92602-14)	4/13/22	12:04 Pacific		Solid			X	1	standard TAT
B-10-1 (570-92602-18)	4/13/22	13:13 Pacific		Solid			X	1	standard TAT
B-10-1-D (570-92602-19)	4/13/22	13:13 Pacific		Solid			X	1	standard TAT
B-5-1 (570-92602-22)	4/13/22	14:46 Pacific		Solid			X	1	standard TAT
B-5-3 (570-92602-23)	4/13/22	14:52 Pacific		Solid			X	1	standard TAT
B-5-5 (570-92602-24)	4/13/22	15:01 Pacific		Solid			X	1	standard TAT

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Calscience.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		4/15/22 1330	EC	ET (Po)	4/16/22 12:30	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

92602

CHAIN OF CUSTODY RECORD

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570-92602 Chain of Custody

DATE 4-13-2022

PAGE 1 OF 3

7440 [illegible]

For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

LABORATORY CLIENT: Roux Associates Inc	S: First Industrial-Ontario / 3661 0016L
ADDRESS: 5150 E Pacific Coast Hwy Suite 450	P O NO: 57010772
CITY: Long Beach STATE: CA ZIP: 90804	PROJECT CONTACT: Peter Shimer
TEL: 310-879-4900 E-MAIL: pshimer@rouxinc com	SAMPLER(S) (PRINT): Ian Cross

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

☐ COELT EDF | GLOBAL ID | LOG CODE.

SPECIAL INSTRUCTIONS

Revised COC received from Peter Shimer (Roux) on 04/15/2022 at 10:02am.
-Virendra (ECI)

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6 C44	TPH CC by 8015M (g d o)	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	* Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☒ 6010/7471A ☐ 6020/7471	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6	1 4-Dioxane (8270)	1,4-D	Asbestos - OSHA 1D-191	OCPs - 8081A
1	B-8-1	4-13-22	0812	Soil	5							X		X		X					X			X	X
2	B-8-3		0819		4																		X		
3	B-8-5		0825		4							X		X		X					X				
4	B-8-15		0836		3									X		X									
5	B-9-1		0906		5							X		X		X					X			X	X
6	B-9-3		0924		4																X		X		
7	B-9-5		0936		4							X		X		X					X				
8	B-9-15		0950		3									X		X									
9	B-7-1		1026		5							X		X		X					X			X	X
10	B-7-3	↓	1035	↓	4																		X		

IC

Relinquished by: (Signature) [signature]	Received by: (Signature/Affiliation) [signature]	Date 04/13/22	Time 18:13
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

2.2 13.9 IR 96

06/02/14 Revision

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Item B - 1459 of 1750 5/5/2022

9 8 7 6 5 4 3 2 1

CHAIN OF CUSTOD[Y] [R]ECORD

DATE 9-13-2022

PAGE 1 OF 3

![eurofins Calscience]

570-92602 Chain of Custody

7440 [illegible]
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

LABORATORY CLIENT	Roux Associates Inc
ADDRESS	5150 E Pacific Coast Hwy Suite 450
CITY	Long Beach
STATE	CA
ZIP	90804
TEL	310-879-4900
E-MAIL	pshimer@rouxinc com
S	First Industrial-Ontario / 3661 0016L
P O NO	57010772
PROJECT CONTACT	Peter Shimer
SAMPLER(S) (PRINT)	Ian Cross

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD")

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS

REQUESTED ANALYSES

Please check box or fill in blank as needed

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1	B-8-1	9-13-22	0812	Soil	5							X		X		X					X				X	X
2	B-8-3	↓	0819	↓	4																			X		
3	B-8-5	↓	0825	↓	4							X		X		X					X					
4	B-8-15	↓	0836	↓	3									X		X										
5	B-9-1	↓	0906	↓	5							X		X		X					X				X	X
6	B-9-3	↓	0924	↓	4																~~X~~ [illegible]			X		
7	B-9-5	↓	0936	↓	4							X		X		X					X					
8	B-9-15	↓	0950	↓	3									X		X										
9	B-7-1	↓	1026	↓	5							X		X		X					X				X	X
10	B-7-3	↓	1035	↓	4																			X		

Relinquished by (Signature)	Received by (Signature/Affiliation)	Date	Time
Ian Cross	[signature]	09/13/22	18:13
Relinquished by (Signature)	Received by (Signature/Affiliation)	Date	Time
Relinquished by (Signature)	Received by (Signature/Affiliation)	Date	Time

2.2/3.9 IR96

06/02/14 Revision

92602

eurofins | Calscience

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE 4-13-2022

PAGE 2 OF 3

For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

LABORATORY CLIENT: Roux Associates Inc	S: First Industrial-Ontario / 3661 0016L
ADDRESS: 5150 E Pacific Coast Hwy Suite 450	P O NO: 57010772
CITY: Long Beach STATE: CA ZIP: 90804	PROJECT CONTACT: Peter Shimer
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☐ COELT EDF | GLOBAL ID | LOG CODE.

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REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH CC by 8015M (g d o)	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	* Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/7471A ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6	1 4 Dioxane (8270)	Hold	OCPs - 8081A	Actuators - OSHA 29-191
11	B-7-5	4-13-22	1043	Soil	4							X		X		X					X					
12	B-7-5-D		1043		4							X		X		X					X					
13	B-7-15		1052		3									X		X										
14	B-6-1		1204		5							X		X		X					X				X	X
15	B-6-3		1212		4																			X		
16	B-6-5		1218		4							X		X		X					X					
17	B-6-15		1229		3									X		X										
18	B-10-1		1313		5							X		X		X					X				X	X
19	B-10-1-D		1313		5							X		X		X					X				X	X
20	B-10-3		1321		4																			X		

Relinquished by: (Signature) Ian Cross	Received by: (Signature/Affiliation)	Date: 04/13/22	Time: 18:13
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

06/02/14 Revision

92602

eurofins | Calscience

CHAIN OF CUSTODY RECORD

7440 [illegible]
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

WO # / LAB USE ONLY

DATE 4-13-2022

PAGE 3 OF 3

LABORATORY CLIENT: Roux Associates Inc	S: First Industrial-Ontario / 3661 0016L
ADDRESS: 5150 E Pacific Coast Hwy Suite 450	P O NO: 57010772
CITY: Long Beach STATE: CA ZIP: 90804	PROJECT CONTACT: Peter Shimer
TEL: 310-879-4900 E-MAIL: pshimer@rouxinc com	SAMPLER(S) (PRINT): Ian Cross

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

☐ COELT EDF | GLOBAL ID | LOG CODE

SPECIAL INSTRUCTIONS
~~PAHs~~ H = PAHs may be request, hold for analysis

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6 C44	TPH CC by 8015M (g d o)	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	* Oxygenates (8260)	Prep (5035) ☐ En Core ☑ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☑ 6010/7471A ☐ 6020/7471	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6	1 4 Dioxane (8270)	OCPs by 8081A	Asbestos-OSHA ID-191	
21	B-10-5	4-13-22	1329	Soil	4							X		X		X					X				
22	B-5-1	↓	1446	↓	6							X		X		X			X	H	X				X	
23	B-5-3		1452		6							X		X		X			X	H	X				X	
24	B-5-5		1501		6							X		X		X			X	H	X				X	

Relinquished by: (Signature) Ian Cross	Received by: (Signature/Affiliation)	Date 04/13/22	Time 1813
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

06/02/14 Revision

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Item B - 1462 of 1750 5/5/2022

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 570-92602-2

Login Number: 92602
List Number: 1
Creator: Vitente, Precy

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-92671-1
Client Project/Site: First Industrial-Ontario / 3661.0016L

For:
Roux Associates, Inc.
5150 E Pacific Coast Highway
Suite 450
Long Beach, California 90804

Attn: David Smith

Virendra R Patel

Authorized for release by:
4/25/2022 7:23:13 AM

Virendra Patel, Project Manager I
(714)895-5494
Virendra.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: Roux Associates, Inc. Job ID: 570-92671-1
Project/Site: First Industrial-Ontario / 3661.0016L

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Roux Associates, Inc. Job ID: 570-92671-1
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-92671-1

Comments
No additional comments.

Receipt
The samples were received on 4/14/2022 5:04 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.7º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-227414. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-227596. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Arsenic, Beryllium, Cadmium, Cobalt, Chromium, Molybdenum, Nickel, Lead, Antimony, Selenium, Thallium, Vanadium and Silver preparation batch 440-671207 and analytical batch 440-671340 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: The serial dilution performed of Barium and Zinc for the following sample associated with batch 440-671340 was outside control limits: (570-92539-A-1-E SD ^25)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Client Sample ID: B-4-1 — Lab Sample ID: 570-92671-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	60		41		ug/Kg	1		8260B	Total/NA
C15-C16	6.6		4.9		mg/Kg	1		8015B	Total/NA
C17-C18	16		4.9		mg/Kg	1		8015B	Total/NA
C19-C20	22		4.9		mg/Kg	1		8015B	Total/NA
C21-C22	21		4.9		mg/Kg	1		8015B	Total/NA
C23-C24	18		4.9		mg/Kg	1		8015B	Total/NA
C25-C28	47		4.9		mg/Kg	1		8015B	Total/NA
C29-C32	81		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	69		4.9		mg/Kg	1		8015B	Total/NA
C37-C40	12		4.9		mg/Kg	1		8015B	Total/NA
C41-C44	16		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	340		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	130		4.9		mg/Kg	1		8015B	Total/NA
Barium	77.0		3.05		mg/Kg	5		6010B	Total/NA
Nickel	8.91		2.03		mg/Kg	5		6010B	Total/NA
Vanadium	31.0		1.02		mg/Kg	5		6010B	Total/NA
Copper	9.53		2.03		mg/Kg	5		6010B	Total/NA
Lead	8.05		2.03		mg/Kg	5		6010B	Total/NA
Zinc	42.9		5.08		mg/Kg	5		6010B	Total/NA
Chromium	14.8		1.02		mg/Kg	5		6010B	Total/NA
Cobalt	5.60		1.02		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-4-3 — Lab Sample ID: 570-92671-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	36		20		ug/Kg	1		8260B	Total/NA
C6-C44	8.6		4.9		mg/Kg	1		8015B	Total/NA
Cadmium	1.73		0.498		mg/Kg	5		6010B	Total/NA
Barium	89.0		2.99		mg/Kg	5		6010B	Total/NA
Nickel	10.0		1.99		mg/Kg	5		6010B	Total/NA
Vanadium	34.2		0.995		mg/Kg	5		6010B	Total/NA
Copper	12.9		1.99		mg/Kg	5		6010B	Total/NA
Lead	5.80		1.99		mg/Kg	5		6010B	Total/NA
Zinc	44.3		4.98		mg/Kg	5		6010B	Total/NA
Chromium	16.8		0.995		mg/Kg	5		6010B	Total/NA
Cobalt	7.39		0.995		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-3-1 — Lab Sample ID: 570-92671-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	23		17		ug/Kg	1		8260B	Total/NA
C15-C16	59		49		mg/Kg	10		8015B	Total/NA
C17-C18	75		49		mg/Kg	10		8015B	Total/NA
C19-C20	71		49		mg/Kg	10		8015B	Total/NA
C21-C22	68		49		mg/Kg	10		8015B	Total/NA
C23-C24	80		49		mg/Kg	10		8015B	Total/NA
C25-C28	280		49		mg/Kg	10		8015B	Total/NA
C29-C32	410		49		mg/Kg	10		8015B	Total/NA
C33-C36	320		49		mg/Kg	10		8015B	Total/NA
C37-C40	59		49		mg/Kg	10		8015B	Total/NA
C41-C44	75		49		mg/Kg	10		8015B	Total/NA
C6-C44	1700		49		mg/Kg	10		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-3-1 (Continued)
Lab Sample ID: 570-92671-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	660		49		mg/Kg	10		8015B	Total/NA
Cadmium	0.838		0.508		mg/Kg	5		6010B	Total/NA
Barium	29.8		3.05		mg/Kg	5		6010B	Total/NA
Nickel	4.80		2.03		mg/Kg	5		6010B	Total/NA
Vanadium	15.9		1.02		mg/Kg	5		6010B	Total/NA
Copper	4.42		2.03		mg/Kg	5		6010B	Total/NA
Lead	2.63		2.03		mg/Kg	5		6010B	Total/NA
Zinc	21.7		5.08		mg/Kg	5		6010B	Total/NA
Chromium	5.94		1.02		mg/Kg	5		6010B	Total/NA
Cobalt	3.12		1.02		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-3-3
Lab Sample ID: 570-92671-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	27		18		ug/Kg	1		8260B	Total/NA
Toluene	1.0		0.88		ug/Kg	1		8260B	Total/NA
C13-C14	63		49		mg/Kg	10		8015B	Total/NA
C15-C16	120		49		mg/Kg	10		8015B	Total/NA
C17-C18	150		49		mg/Kg	10		8015B	Total/NA
C19-C20	140		49		mg/Kg	10		8015B	Total/NA
C21-C22	130		49		mg/Kg	10		8015B	Total/NA
C23-C24	130		49		mg/Kg	10		8015B	Total/NA
C25-C28	390		49		mg/Kg	10		8015B	Total/NA
C29-C32	560		49		mg/Kg	10		8015B	Total/NA
C33-C36	450		49		mg/Kg	10		8015B	Total/NA
C37-C40	89		49		mg/Kg	10		8015B	Total/NA
C41-C44	120		49		mg/Kg	10		8015B	Total/NA
C6-C44	2600		49		mg/Kg	10		8015B	Total/NA
Diesel Range Organics [C10-C28]	1100		49		mg/Kg	10		8015B	Total/NA
Cadmium	1.01		0.503		mg/Kg	5		6010B	Total/NA
Barium	40.3		3.02		mg/Kg	5		6010B	Total/NA
Nickel	6.44		2.01		mg/Kg	5		6010B	Total/NA
Vanadium	19.8		1.01		mg/Kg	5		6010B	Total/NA
Copper	7.11		2.01		mg/Kg	5		6010B	Total/NA
Lead	3.74		2.01		mg/Kg	5		6010B	Total/NA
Zinc	33.8		5.03		mg/Kg	5		6010B	Total/NA
Chromium	7.19		1.01		mg/Kg	5		6010B	Total/NA
Cobalt	4.03		1.01		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-3-8
Lab Sample ID: 570-92671-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	31		18		ug/Kg	1		8260B	Total/NA
C6-C44	6.9		4.9		mg/Kg	1		8015B	Total/NA
Cadmium	1.84		0.505		mg/Kg	5		6010B	Total/NA
Barium	92.8		3.03		mg/Kg	5		6010B	Total/NA
Nickel	10.8		2.02		mg/Kg	5		6010B	Total/NA
Vanadium	36.0		1.01		mg/Kg	5		6010B	Total/NA
Copper	14.1		2.02		mg/Kg	5		6010B	Total/NA
Lead	5.91		2.02		mg/Kg	5		6010B	Total/NA
Zinc	45.6		5.05		mg/Kg	5		6010B	Total/NA
Chromium	18.2		1.01		mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-3-8 (Continued) — Lab Sample ID: 570-92671-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.84		1.01		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-2-1 — Lab Sample ID: 570-92671-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	25		20		ug/Kg	1		8260B	Total/NA
C19-C20	10		4.9		mg/Kg	1		8015B	Total/NA
C21-C22	18		4.9		mg/Kg	1		8015B	Total/NA
C23-C24	27		4.9		mg/Kg	1		8015B	Total/NA
C25-C28	94		4.9		mg/Kg	1		8015B	Total/NA
C29-C32	140		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	110		4.9		mg/Kg	1		8015B	Total/NA
C37-C40	19		4.9		mg/Kg	1		8015B	Total/NA
C41-C44	24		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	500		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	150		4.9		mg/Kg	1		8015B	Total/NA
Cadmium	1.64		0.500		mg/Kg	5		6010B	Total/NA
Barium	72.9		3.00		mg/Kg	5		6010B	Total/NA
Nickel	10.1		2.00		mg/Kg	5		6010B	Total/NA
Vanadium	30.7		1.00		mg/Kg	5		6010B	Total/NA
Copper	11.9		2.00		mg/Kg	5		6010B	Total/NA
Lead	4.95		2.00		mg/Kg	5		6010B	Total/NA
Zinc	43.9		5.00		mg/Kg	5		6010B	Total/NA
Chromium	14.2		1.00		mg/Kg	5		6010B	Total/NA
Cobalt	6.60		1.00		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-2-3 — Lab Sample ID: 570-92671-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	22		16		ug/Kg	1		8260B	Total/NA
C21-C22	57		50		mg/Kg	10		8015B	Total/NA
C23-C24	77		50		mg/Kg	10		8015B	Total/NA
C25-C28	260		50		mg/Kg	10		8015B	Total/NA
C29-C32	390		50		mg/Kg	10		8015B	Total/NA
C33-C36	320		50		mg/Kg	10		8015B	Total/NA
C37-C40	72		50		mg/Kg	10		8015B	Total/NA
C41-C44	94		50		mg/Kg	10		8015B	Total/NA
C6-C44	1600		50		mg/Kg	10		8015B	Total/NA
Diesel Range Organics [C10-C28]	520		50		mg/Kg	10		8015B	Total/NA
Cadmium	1.69		0.505		mg/Kg	5		6010B	Total/NA
Barium	85.3		3.03		mg/Kg	5		6010B	Total/NA
Nickel	12.2		2.02		mg/Kg	5		6010B	Total/NA
Vanadium	30.9		1.01		mg/Kg	5		6010B	Total/NA
Copper	12.8		2.02		mg/Kg	5		6010B	Total/NA
Lead	5.28		2.02		mg/Kg	5		6010B	Total/NA
Zinc	47.0		5.05		mg/Kg	5		6010B	Total/NA
Chromium	15.1		1.01		mg/Kg	5		6010B	Total/NA
Cobalt	6.84		1.01		mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Client Sample ID: B-2-7 — Lab Sample ID: 570-92671-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C25-C28	7.7		5.0		mg/Kg	1		8015B	Total/NA
C29-C32	14		5.0		mg/Kg	1		8015B	Total/NA
C33-C36	11		5.0		mg/Kg	1		8015B	Total/NA
C6-C44	49		5.0		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	13		5.0		mg/Kg	1		8015B	Total/NA
Cadmium	1.83		0.505		mg/Kg	5		6010B	Total/NA
Barium	85.8		3.03		mg/Kg	5		6010B	Total/NA
Nickel	10.7		2.02		mg/Kg	5		6010B	Total/NA
Vanadium	35.3		1.01		mg/Kg	5		6010B	Total/NA
Copper	14.1		2.02		mg/Kg	5		6010B	Total/NA
Lead	8.08		2.02		mg/Kg	5		6010B	Total/NA
Zinc	47.0		5.05		mg/Kg	5		6010B	Total/NA
Chromium	18.1		1.01		mg/Kg	5		6010B	Total/NA
Cobalt	7.85		1.01		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-1-1 — Lab Sample ID: 570-92671-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	20		18		ug/Kg	1		8260B	Total/NA
Benzene	0.98		0.92		ug/Kg	1		8260B	Total/NA
C25-C28	120		50		mg/Kg	10		8015B	Total/NA
C29-C32	210		50		mg/Kg	10		8015B	Total/NA
C33-C36	180		50		mg/Kg	10		8015B	Total/NA
C41-C44	60		50		mg/Kg	10		8015B	Total/NA
C6-C44	780		50		mg/Kg	10		8015B	Total/NA
Diesel Range Organics [C10-C28]	190		50		mg/Kg	10		8015B	Total/NA
Cadmium	1.38		0.490		mg/Kg	5		6010B	Total/NA
Barium	81.5		2.94		mg/Kg	5		6010B	Total/NA
Nickel	10.4		1.96		mg/Kg	5		6010B	Total/NA
Vanadium	26.0		0.980		mg/Kg	5		6010B	Total/NA
Copper	13.7		1.96		mg/Kg	5		6010B	Total/NA
Lead	9.82		1.96		mg/Kg	5		6010B	Total/NA
Zinc	41.3		4.90		mg/Kg	5		6010B	Total/NA
Chromium	13.4		0.980		mg/Kg	5		6010B	Total/NA
Cobalt	6.41		0.980		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-1-7 — Lab Sample ID: 570-92671-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	25		17		ug/Kg	1		8260B	Total/NA
C25-C28	8.8		5.0		mg/Kg	1		8015B	Total/NA
C29-C32	15		5.0		mg/Kg	1		8015B	Total/NA
C33-C36	12		5.0		mg/Kg	1		8015B	Total/NA
C6-C44	55		5.0		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	14		5.0		mg/Kg	1		8015B	Total/NA
Cadmium	1.75		0.508		mg/Kg	5		6010B	Total/NA
Barium	91.6		3.05		mg/Kg	5		6010B	Total/NA
Nickel	10.0		2.03		mg/Kg	5		6010B	Total/NA
Vanadium	34.6		1.02		mg/Kg	5		6010B	Total/NA
Copper	13.1		2.03		mg/Kg	5		6010B	Total/NA
Lead	12.2		2.03		mg/Kg	5		6010B	Total/NA
Zinc	47.0		5.08		mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-1-7 (Continued) — Lab Sample ID: 570-92671-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	17.5		1.02		mg/Kg	5		6010B	Total/NA
Cobalt	7.36		1.02		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-1-7-D — Lab Sample ID: 570-92671-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	24		19		ug/Kg	1		8260B	Total/NA
C25-C28	7.9		4.9		mg/Kg	1		8015B	Total/NA
C29-C32	13		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	10		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	49		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	13		4.9		mg/Kg	1		8015B	Total/NA
Cadmium	1.80		0.510		mg/Kg	5		6010B	Total/NA
Barium	93.6		3.06		mg/Kg	5		6010B	Total/NA
Nickel	13.5		2.04		mg/Kg	5		6010B	Total/NA
Vanadium	34.0		1.02		mg/Kg	5		6010B	Total/NA
Copper	14.6		2.04		mg/Kg	5		6010B	Total/NA
Lead	15.3		2.04		mg/Kg	5		6010B	Total/NA
Zinc	52.2		5.10		mg/Kg	5		6010B	Total/NA
Chromium	20.1		1.02		mg/Kg	5		6010B	Total/NA
Cobalt	7.63		1.02		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-1-10 — Lab Sample ID: 570-92671-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	1.61		0.510		mg/Kg	5		6010B	Total/NA
Antimony	43.7		10.2		mg/Kg	5		6010B	Total/NA
Barium	48.2		3.06		mg/Kg	5		6010B	Total/NA
Molybdenum	4.67		2.04		mg/Kg	5		6010B	Total/NA
Nickel	140		2.04		mg/Kg	5		6010B	Total/NA
Vanadium	26.6		1.02		mg/Kg	5		6010B	Total/NA
Copper	18.4		2.04		mg/Kg	5		6010B	Total/NA
Lead	3.53		2.04		mg/Kg	5		6010B	Total/NA
Zinc	40.1		5.10		mg/Kg	5		6010B	Total/NA
Chromium	157		1.02		mg/Kg	5		6010B	Total/NA
Cobalt	12.7		1.02		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-9-1 — Lab Sample ID: 570-92671-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18		18		ug/Kg	1		8260B	Total/NA
C33-C36	5.6		5.0		mg/Kg	1		8015B	Total/NA
C6-C44	26		5.0		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	5.9		5.0		mg/Kg	1		8015B	Total/NA
Cadmium	1.72		0.493		mg/Kg	5		6010B	Total/NA
Barium	73.3		2.96		mg/Kg	5		6010B	Total/NA
Nickel	9.43		1.97		mg/Kg	5		6010B	Total/NA
Vanadium	30.8		0.985		mg/Kg	5		6010B	Total/NA
Copper	11.9		1.97		mg/Kg	5		6010B	Total/NA
Lead	3.85		1.97		mg/Kg	5		6010B	Total/NA
Zinc	38.1		4.93		mg/Kg	5		6010B	Total/NA
Chromium	16.0		0.985		mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-9-1 (Continued)
Lab Sample ID: 570-92671-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	6.98		0.985		mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-4-1
Date Collected: 04/14/22 08:25
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,1,1-Trichloroethane	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,1,2,2-Tetrachloroethane	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		21		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,1,2-Trichloroethane	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,1-Dichloroethane	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,1-Dichloroethene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,1-Dichloropropene	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,2,3-Trichlorobenzene	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,2,3-Trichloropropane	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,2,4-Trichlorobenzene	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,2,4-Trimethylbenzene	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,2-Dibromo-3-Chloropropane	ND		21		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,2-Dibromoethane	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,2-Dichlorobenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,2-Dichloroethane	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,2-Dichloropropane	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,3,5-Trimethylbenzene	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,3-Dichlorobenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,3-Dichloropropane	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
1,4-Dichlorobenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
2,2-Dichloropropane	ND		10		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
2-Butanone	ND		41		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
2-Chlorotoluene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
2-Hexanone	ND		41		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
4-Chlorotoluene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
4-Methyl-2-pentanone	ND		41		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Acetone	**60**		41		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Benzene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Bromobenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Bromochloromethane	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Bromodichloromethane	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Bromoform	ND		10		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Bromomethane	ND		41		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
cis-1,2-Dichloroethene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
cis-1,3-Dichloropropene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Carbon disulfide	ND		21		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Carbon tetrachloride	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Chlorobenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Chloroethane	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Chloroform	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Chloromethane	ND		41		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Dibromochloromethane	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Dibromomethane	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Dichlorodifluoromethane	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Ethylbenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Isopropylbenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Methylene Chloride	ND		21		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Methyl-t-Butyl Ether (MTBE)	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-4-1
Date Collected: 04/14/22 08:25
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		21		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
n-Butylbenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
N-Propylbenzene	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
o-Xylene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
m,p-Xylene	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
p-Isopropyltoluene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
sec-Butylbenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Styrene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
trans-1,2-Dichloroethene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
trans-1,3-Dichloropropene	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
tert-Butylbenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Tetrachloroethene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Toluene	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Trichloroethene	ND		4.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Trichlorofluoromethane	ND		21		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Vinyl acetate	ND		21		ug/Kg		04/16/22 08:20	04/18/22 17:55	1
Vinyl chloride	ND		2.1		ug/Kg		04/16/22 08:20	04/18/22 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 142*	*04/16/22 08:20*	*04/18/22 17:55*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*04/16/22 08:20*	*04/18/22 17:55*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 123*	*04/16/22 08:20*	*04/18/22 17:55*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*04/16/22 08:20*	*04/18/22 17:55*	*1*

Client Sample ID: B-4-3
Date Collected: 04/14/22 08:33
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,1-Dichloroethane	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,1-Dichloroethene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,1-Dichloropropene	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,2-Dibromoethane	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,2-Dichloroethane	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,2-Dichloropropane	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,3-Dichloropropane	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
2,2-Dichloropropane	ND		4.9		ug/Kg		04/16/22 08:20	04/18/22 18:21	1

Client: Roux Associates, Inc.
Job ID: 570-92671-1
Project/Site: First Industrial-Ontario / 3661.0016L

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-4-3
Date Collected: 04/14/22 08:33
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
2-Chlorotoluene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
2-Hexanone	ND		20		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
4-Chlorotoluene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
4-Methyl-2-pentanone	ND		20		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Acetone	**36**		20		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Benzene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Bromobenzene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Bromochloromethane	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Bromodichloromethane	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Bromoform	ND		4.9		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Bromomethane	ND		20		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Carbon disulfide	ND		9.9		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Carbon tetrachloride	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Chlorobenzene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Chloroethane	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Chloroform	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Chloromethane	ND		20		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Dibromochloromethane	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Dibromomethane	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Ethylbenzene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Isopropylbenzene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Methylene Chloride	ND		9.9		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Naphthalene	ND		9.9		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
n-Butylbenzene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
N-Propylbenzene	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
o-Xylene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
m,p-Xylene	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
p-Isopropyltoluene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
sec-Butylbenzene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Styrene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
tert-Butylbenzene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Tetrachloroethene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Toluene	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Trichloroethene	ND		2.0		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Trichlorofluoromethane	ND		9.9		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Vinyl acetate	ND		9.9		ug/Kg		04/16/22 08:20	04/18/22 18:21	1
Vinyl chloride	ND		0.99		ug/Kg		04/16/22 08:20	04/18/22 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 142*	*04/16/22 08:20*	*04/18/22 18:21*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*04/16/22 08:20*	*04/18/22 18:21*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 123*	*04/16/22 08:20*	*04/18/22 18:21*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*04/16/22 08:20*	*04/18/22 18:21*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-3-1
Date Collected: 04/14/22 10:36
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,1,1-Trichloroethane	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.6		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,1,2-Trichloroethane	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,1-Dichloroethane	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,1-Dichloroethene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,1-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,2,3-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,2,3-Trichloropropane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,2,4-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,2-Dibromo-3-Chloropropane	ND		8.6		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,2-Dibromoethane	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,2-Dichlorobenzene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,2-Dichloroethane	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,2-Dichloropropane	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,3-Dichlorobenzene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,3-Dichloropropane	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
1,4-Dichlorobenzene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
2,2-Dichloropropane	ND		4.3		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
2-Butanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
2-Chlorotoluene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
2-Hexanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
4-Chlorotoluene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
4-Methyl-2-pentanone	ND		17		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Acetone	**23**		17		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Benzene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Bromobenzene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Bromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Bromodichloromethane	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Bromoform	ND		4.3		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Bromomethane	ND		17		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
cis-1,2-Dichloroethene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
cis-1,3-Dichloropropene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Carbon disulfide	ND		8.6		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Carbon tetrachloride	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Chlorobenzene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Chloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Chloroform	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Chloromethane	ND		17		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Dibromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Dibromomethane	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Dichlorodifluoromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Ethylbenzene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Isopropylbenzene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Methylene Chloride	ND		8.6		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-3-1
Date Collected: 04/14/22 10:36
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		8.6		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
n-Butylbenzene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
N-Propylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
o-Xylene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
m,p-Xylene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
p-Isopropyltoluene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
sec-Butylbenzene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Styrene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
trans-1,2-Dichloroethene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
tert-Butylbenzene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Tetrachloroethene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Toluene	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Trichloroethene	ND		1.7		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Trichlorofluoromethane	ND		8.6		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Vinyl acetate	ND		8.6		ug/Kg		04/16/22 08:20	04/18/22 18:46	1
Vinyl chloride	ND		0.86		ug/Kg		04/16/22 08:20	04/18/22 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 142*	*04/16/22 08:20*	*04/18/22 18:46*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*04/16/22 08:20*	*04/18/22 18:46*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 123*	*04/16/22 08:20*	*04/18/22 18:46*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*04/16/22 08:20*	*04/18/22 18:46*	*1*

Client Sample ID: B-3-3
Date Collected: 04/14/22 10:42
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,1,1-Trichloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,1,2-Trichloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,1-Dichloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,1-Dichloroethene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,1-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,2,3-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,2,3-Trichloropropane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,2,4-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,2-Dibromo-3-Chloropropane	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,2-Dibromoethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,2-Dichlorobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,2-Dichloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,2-Dichloropropane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,3-Dichlorobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,3-Dichloropropane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
1,4-Dichlorobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
2,2-Dichloropropane	ND		4.4		ug/Kg		04/16/22 08:20	04/18/22 19:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-3-3
Date Collected: 04/14/22 10:42
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
2-Chlorotoluene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
2-Hexanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
4-Chlorotoluene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
4-Methyl-2-pentanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Acetone	**27**		18		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Benzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Bromobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Bromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Bromodichloromethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Bromoform	ND		4.4		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Bromomethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
cis-1,2-Dichloroethene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
cis-1,3-Dichloropropene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Carbon disulfide	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Carbon tetrachloride	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Chlorobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Chloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Chloroform	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Chloromethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Dibromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Dibromomethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Ethylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Isopropylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Methylene Chloride	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Naphthalene	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
n-Butylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
N-Propylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
o-Xylene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
m,p-Xylene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
p-Isopropyltoluene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
sec-Butylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Styrene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
trans-1,2-Dichloroethene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
tert-Butylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Tetrachloroethene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Toluene	**1.0**		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Trichloroethene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Trichlorofluoromethane	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Vinyl acetate	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:12	1
Vinyl chloride	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 142*	*04/16/22 08:20*	*04/18/22 19:12*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*	*04/16/22 08:20*	*04/18/22 19:12*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 123*	*04/16/22 08:20*	*04/18/22 19:12*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*04/16/22 08:20*	*04/18/22 19:12*	*1*

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-3-8
Date Collected: 04/14/22 10:53
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,1,1-Trichloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,1,2-Trichloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,1-Dichloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,1-Dichloroethene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,1-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,2,3-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,2,3-Trichloropropane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,2,4-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,2-Dibromo-3-Chloropropane	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,2-Dibromoethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,2-Dichlorobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,2-Dichloroethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,2-Dichloropropane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,3-Dichlorobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,3-Dichloropropane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
1,4-Dichlorobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
2,2-Dichloropropane	ND		4.4		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
2-Butanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
2-Chlorotoluene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
2-Hexanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
4-Chlorotoluene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
4-Methyl-2-pentanone	ND		18		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Acetone	**31**		18		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Benzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Bromobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Bromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Bromodichloromethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Bromoform	ND		4.4		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Bromomethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
cis-1,2-Dichloroethene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
cis-1,3-Dichloropropene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Carbon disulfide	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Carbon tetrachloride	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Chlorobenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Chloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Chloroform	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Chloromethane	ND		18		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Dibromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Dibromomethane	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Ethylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Isopropylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Methylene Chloride	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-3-8
Date Collected: 04/14/22 10:53
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
n-Butylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
N-Propylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
o-Xylene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
m,p-Xylene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
p-Isopropyltoluene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
sec-Butylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Styrene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
trans-1,2-Dichloroethene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
tert-Butylbenzene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Tetrachloroethene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Toluene	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Trichloroethene	ND		1.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Trichlorofluoromethane	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Vinyl acetate	ND		8.8		ug/Kg		04/16/22 08:20	04/18/22 19:38	1
Vinyl chloride	ND		0.88		ug/Kg		04/16/22 08:20	04/18/22 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*80 - 142*	*04/16/22 08:20*	*04/18/22 19:38*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*04/16/22 08:20*	*04/18/22 19:38*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 123*	*04/16/22 08:20*	*04/18/22 19:38*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*04/16/22 08:20*	*04/18/22 19:38*	*1*

Client Sample ID: B-2-1
Date Collected: 04/14/22 11:58
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,1-Dichloroethane	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,1-Dichloroethene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,1-Dichloropropene	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,2-Dibromoethane	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,2-Dichloroethane	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,2-Dichloropropane	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,3-Dichloropropane	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
2,2-Dichloropropane	ND		4.9		ug/Kg		04/16/22 08:20	04/19/22 13:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-2-1
Date Collected: 04/14/22 11:58
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
2-Chlorotoluene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
2-Hexanone	ND		20		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
4-Chlorotoluene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
4-Methyl-2-pentanone	ND		20		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Acetone	**25**		20		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Benzene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Bromobenzene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Bromochloromethane	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Bromodichloromethane	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Bromoform	ND		4.9		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Bromomethane	ND		20		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Carbon disulfide	ND		9.8		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Carbon tetrachloride	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Chlorobenzene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Chloroethane	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Chloroform	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Chloromethane	ND		20		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Dibromochloromethane	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Dibromomethane	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Ethylbenzene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Isopropylbenzene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Methylene Chloride	ND		9.8		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Naphthalene	ND		9.8		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
n-Butylbenzene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
N-Propylbenzene	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
o-Xylene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
m,p-Xylene	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
p-Isopropyltoluene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
sec-Butylbenzene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Styrene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
tert-Butylbenzene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Tetrachloroethene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Toluene	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Trichloroethene	ND		2.0		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Trichlorofluoromethane	ND		9.8		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Vinyl acetate	ND		9.8		ug/Kg		04/16/22 08:20	04/19/22 13:16	1
Vinyl chloride	ND		0.98		ug/Kg		04/16/22 08:20	04/19/22 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 142*	*04/16/22 08:20*	*04/19/22 13:16*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*04/16/22 08:20*	*04/19/22 13:16*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 123*	*04/16/22 08:20*	*04/19/22 13:16*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/16/22 08:20*	*04/19/22 13:16*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-2-3
Date Collected: 04/14/22 12:05
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,1,1-Trichloroethane	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,1,2,2-Tetrachloroethane	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.1		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,1,2-Trichloroethane	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,1-Dichloroethane	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,1-Dichloroethene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,1-Dichloropropene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,2,3-Trichlorobenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,2,3-Trichloropropane	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,2,4-Trichlorobenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,2,4-Trimethylbenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,2-Dibromo-3-Chloropropane	ND		8.1		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,2-Dibromoethane	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,2-Dichlorobenzene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,2-Dichloroethane	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,2-Dichloropropane	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,3,5-Trimethylbenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,3-Dichlorobenzene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,3-Dichloropropane	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
1,4-Dichlorobenzene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
2,2-Dichloropropane	ND		4.1		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
2-Butanone	ND		16		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
2-Chlorotoluene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
2-Hexanone	ND		16		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
4-Chlorotoluene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
4-Methyl-2-pentanone	ND		16		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Acetone	**22**		16		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Benzene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Bromobenzene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Bromochloromethane	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Bromodichloromethane	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Bromoform	ND		4.1		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Bromomethane	ND		16		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
cis-1,2-Dichloroethene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
cis-1,3-Dichloropropene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Carbon disulfide	ND		8.1		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Carbon tetrachloride	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Chlorobenzene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Chloroethane	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Chloroform	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Chloromethane	ND		16		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Dibromochloromethane	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Dibromomethane	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Dichlorodifluoromethane	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Ethylbenzene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Isopropylbenzene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Methylene Chloride	ND		8.1		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-2-3
Date Collected: 04/14/22 12:05
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		8.1		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
n-Butylbenzene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
N-Propylbenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
o-Xylene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
m,p-Xylene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
p-Isopropyltoluene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
sec-Butylbenzene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Styrene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
trans-1,2-Dichloroethene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
trans-1,3-Dichloropropene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
tert-Butylbenzene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Tetrachloroethene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Toluene	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Trichloroethene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Trichlorofluoromethane	ND		8.1		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Vinyl acetate	ND		8.1		ug/Kg		04/16/22 08:20	04/19/22 13:36	1
Vinyl chloride	ND		0.81		ug/Kg		04/16/22 08:20	04/19/22 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 142*	*04/16/22 08:20*	*04/19/22 13:36*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*04/16/22 08:20*	*04/19/22 13:36*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 123*	*04/16/22 08:20*	*04/19/22 13:36*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/16/22 08:20*	*04/19/22 13:36*	*1*

Client Sample ID: B-2-7
Date Collected: 04/14/22 12:17
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,1,1-Trichloroethane	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,1,2,2-Tetrachloroethane	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.8		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,1,2-Trichloroethane	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,1-Dichloroethane	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,1-Dichloroethene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,1-Dichloropropene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,2,3-Trichlorobenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,2,3-Trichloropropane	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,2,4-Trichlorobenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,2,4-Trimethylbenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,2-Dibromo-3-Chloropropane	ND		7.8		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,2-Dibromoethane	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,2-Dichlorobenzene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,2-Dichloroethane	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,2-Dichloropropane	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,3,5-Trimethylbenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,3-Dichlorobenzene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,3-Dichloropropane	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
1,4-Dichlorobenzene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
2,2-Dichloropropane	ND		3.9		ug/Kg		04/16/22 08:20	04/19/22 13:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-2-7
Date Collected: 04/14/22 12:17
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		16		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
2-Chlorotoluene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
2-Hexanone	ND		16		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
4-Chlorotoluene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
4-Methyl-2-pentanone	ND		16		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Acetone	ND		16		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Benzene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Bromobenzene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Bromochloromethane	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Bromodichloromethane	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Bromoform	ND		3.9		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Bromomethane	ND		16		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
cis-1,2-Dichloroethene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
cis-1,3-Dichloropropene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Carbon disulfide	ND		7.8		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Carbon tetrachloride	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Chlorobenzene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Chloroethane	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Chloroform	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Chloromethane	ND		16		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Dibromochloromethane	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Dibromomethane	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Dichlorodifluoromethane	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Ethylbenzene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Isopropylbenzene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Methylene Chloride	ND		7.8		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Naphthalene	ND		7.8		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
n-Butylbenzene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
N-Propylbenzene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
o-Xylene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
m,p-Xylene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
p-Isopropyltoluene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
sec-Butylbenzene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Styrene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
trans-1,2-Dichloroethene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
trans-1,3-Dichloropropene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
tert-Butylbenzene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Tetrachloroethene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Toluene	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Trichloroethene	ND		1.6		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Trichlorofluoromethane	ND		7.8		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Vinyl acetate	ND		7.8		ug/Kg		04/16/22 08:20	04/19/22 13:57	1
Vinyl chloride	ND		0.78		ug/Kg		04/16/22 08:20	04/19/22 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 142*	*04/16/22 08:20*	*04/19/22 13:57*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*04/16/22 08:20*	*04/19/22 13:57*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 123*	*04/16/22 08:20*	*04/19/22 13:57*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/16/22 08:20*	*04/19/22 13:57*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-1-1
Date Collected: 04/14/22 13:10
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,1,1-Trichloroethane	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.2		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,1,2-Trichloroethane	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,1-Dichloroethane	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,1-Dichloroethene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,1-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,2,3-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,2,3-Trichloropropane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,2,4-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,2-Dibromo-3-Chloropropane	ND		9.2		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,2-Dibromoethane	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,2-Dichlorobenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,2-Dichloroethane	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,2-Dichloropropane	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,3-Dichlorobenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,3-Dichloropropane	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
1,4-Dichlorobenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
2,2-Dichloropropane	ND		4.6		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
2-Butanone	ND		18		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
2-Chlorotoluene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
2-Hexanone	ND		18		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
4-Chlorotoluene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
4-Methyl-2-pentanone	ND		18		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Acetone	**20**		18		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Benzene	**0.98**		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Bromobenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Bromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Bromodichloromethane	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Bromoform	ND		4.6		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Bromomethane	ND		18		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
cis-1,2-Dichloroethene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
cis-1,3-Dichloropropene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Carbon disulfide	ND		9.2		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Carbon tetrachloride	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Chlorobenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Chloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Chloroform	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Chloromethane	ND		18		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Dibromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Dibromomethane	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Ethylbenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Isopropylbenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Methylene Chloride	ND		9.2		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-1-1
Date Collected: 04/14/22 13:10
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.2		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
n-Butylbenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
N-Propylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
o-Xylene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
m,p-Xylene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
p-Isopropyltoluene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
sec-Butylbenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Styrene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
trans-1,2-Dichloroethene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
tert-Butylbenzene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Tetrachloroethene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Toluene	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Trichloroethene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Trichlorofluoromethane	ND		9.2		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Vinyl acetate	ND		9.2		ug/Kg		04/16/22 08:20	04/19/22 14:18	1
Vinyl chloride	ND		0.92		ug/Kg		04/16/22 08:20	04/19/22 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 142*	*04/16/22 08:20*	*04/19/22 14:18*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*04/16/22 08:20*	*04/19/22 14:18*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 123*	*04/16/22 08:20*	*04/19/22 14:18*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/16/22 08:20*	*04/19/22 14:18*	*1*

Client Sample ID: B-1-7
Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,1,1-Trichloroethane	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,1,2-Trichloroethane	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,1-Dichloroethane	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,1-Dichloroethene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,1-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,2,3-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,2,3-Trichloropropane	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,2,4-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,2-Dibromo-3-Chloropropane	ND		8.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,2-Dibromoethane	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,2-Dichlorobenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,2-Dichloroethane	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,2-Dichloropropane	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,3-Dichlorobenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,3-Dichloropropane	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
1,4-Dichlorobenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
2,2-Dichloropropane	ND		4.3		ug/Kg		04/16/22 08:20	04/19/22 14:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-1-7
Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		17		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
2-Chlorotoluene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
2-Hexanone	ND		17		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
4-Chlorotoluene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
4-Methyl-2-pentanone	ND		17		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Acetone	**25**		17		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Benzene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Bromobenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Bromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Bromodichloromethane	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Bromoform	ND		4.3		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Bromomethane	ND		17		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
cis-1,2-Dichloroethene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
cis-1,3-Dichloropropene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Carbon disulfide	ND		8.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Carbon tetrachloride	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Chlorobenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Chloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Chloroform	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Chloromethane	ND		17		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Dibromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Dibromomethane	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Dichlorodifluoromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Ethylbenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Isopropylbenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Methylene Chloride	ND		8.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Naphthalene	ND		8.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
n-Butylbenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
N-Propylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
o-Xylene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
m,p-Xylene	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
p-Isopropyltoluene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
sec-Butylbenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Styrene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
trans-1,2-Dichloroethene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
tert-Butylbenzene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Tetrachloroethene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Toluene	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Trichloroethene	ND		1.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Trichlorofluoromethane	ND		8.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Vinyl acetate	ND		8.7		ug/Kg		04/16/22 08:20	04/19/22 14:39	1
Vinyl chloride	ND		0.87		ug/Kg		04/16/22 08:20	04/19/22 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 142*	*04/16/22 08:20*	*04/19/22 14:39*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*04/16/22 08:20*	*04/19/22 14:39*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 123*	*04/16/22 08:20*	*04/19/22 14:39*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/16/22 08:20*	*04/19/22 14:39*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-1-7-D
Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,1,1-Trichloroethane	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.6		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,1,2-Trichloroethane	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,1-Dichloroethane	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,1-Dichloroethene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,1-Dichloropropene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,2-Dibromo-3-Chloropropane	ND		9.6		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,2-Dibromoethane	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,2-Dichlorobenzene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,2-Dichloroethane	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,2-Dichloropropane	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,3-Dichlorobenzene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,3-Dichloropropane	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
1,4-Dichlorobenzene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
2,2-Dichloropropane	ND		4.8		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
2-Butanone	ND		19		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
2-Chlorotoluene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
2-Hexanone	ND		19		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
4-Chlorotoluene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
4-Methyl-2-pentanone	ND		19		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Acetone	**24**		19		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Benzene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Bromobenzene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Bromochloromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Bromodichloromethane	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Bromoform	ND		4.8		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Bromomethane	ND		19		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
cis-1,2-Dichloroethene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
cis-1,3-Dichloropropene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Carbon disulfide	ND		9.6		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Carbon tetrachloride	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Chlorobenzene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Chloroethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Chloroform	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Chloromethane	ND		19		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Dibromochloromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Dibromomethane	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Ethylbenzene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Isopropylbenzene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Methylene Chloride	ND		9.6		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-1-7-D
Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.6		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
n-Butylbenzene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
N-Propylbenzene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
o-Xylene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
m,p-Xylene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
p-Isopropyltoluene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
sec-Butylbenzene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Styrene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
trans-1,2-Dichloroethene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
tert-Butylbenzene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Tetrachloroethene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Toluene	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Trichloroethene	ND		1.9		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Trichlorofluoromethane	ND		9.6		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Vinyl acetate	ND		9.6		ug/Kg		04/16/22 08:20	04/19/22 15:00	1
Vinyl chloride	ND		0.96		ug/Kg		04/16/22 08:20	04/19/22 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 142*	*04/16/22 08:20*	*04/19/22 15:00*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*04/16/22 08:20*	*04/19/22 15:00*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 123*	*04/16/22 08:20*	*04/19/22 15:00*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/16/22 08:20*	*04/19/22 15:00*	*1*

Client Sample ID: B-1-10
Date Collected: 04/14/22 13:35
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,1-Dichloroethane	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,1-Dichloroethene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,1-Dichloropropene	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,2,3-Trichlorobenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,2,3-Trichloropropane	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,2,4-Trichlorobenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,2-Dibromoethane	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,2-Dichloroethane	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,2-Dichloropropane	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,3-Dichloropropane	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
2,2-Dichloropropane	ND		5.2		ug/Kg		04/16/22 08:20	04/19/22 15:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-1-10
Date Collected: 04/14/22 13:35
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		21		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
2-Chlorotoluene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
2-Hexanone	ND		21		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
4-Chlorotoluene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
4-Methyl-2-pentanone	ND		21		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Acetone	ND		21		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Benzene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Bromobenzene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Bromochloromethane	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Bromodichloromethane	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Bromoform	ND		5.2		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Bromomethane	ND		21		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Carbon disulfide	ND		10		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Carbon tetrachloride	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Chlorobenzene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Chloroethane	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Chloroform	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Chloromethane	ND		21		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Dibromochloromethane	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Dibromomethane	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Dichlorodifluoromethane	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Ethylbenzene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Isopropylbenzene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Methylene Chloride	ND		10		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Methyl-t-Butyl Ether (MTBE)	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Naphthalene	ND		10		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
n-Butylbenzene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
N-Propylbenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
o-Xylene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
m,p-Xylene	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
p-Isopropyltoluene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
sec-Butylbenzene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Styrene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
tert-Butylbenzene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Tetrachloroethene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Toluene	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Trichloroethene	ND		2.1		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Trichlorofluoromethane	ND		10		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Vinyl acetate	ND		10		ug/Kg		04/16/22 08:20	04/19/22 15:20	1
Vinyl chloride	ND		1.0		ug/Kg		04/16/22 08:20	04/19/22 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 142*	*04/16/22 08:20*	*04/19/22 15:20*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*04/16/22 08:20*	*04/19/22 15:20*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 123*	*04/16/22 08:20*	*04/19/22 15:20*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/16/22 08:20*	*04/19/22 15:20*	*1*

Client: Roux Associates, Inc.
Job ID: 570-92671-1
Project/Site: First Industrial-Ontario / 3661.0016L

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B-9-1
Date Collected: 04/14/22 09:06
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,1,1-Trichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,1,2,2-Tetrachloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,1,2-Trichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,1-Dichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,1-Dichloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,1-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,2,3-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,2,3-Trichloropropane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,2,4-Trichlorobenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,2,4-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,2-Dibromo-3-Chloropropane	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,2-Dibromoethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,2-Dichlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,2-Dichloroethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,2-Dichloropropane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,3-Dichlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,3-Dichloropropane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
1,4-Dichlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
2,2-Dichloropropane	ND		4.6		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
2-Butanone	ND		18		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
2-Chlorotoluene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
2-Hexanone	ND		18		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
4-Chlorotoluene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
4-Methyl-2-pentanone	ND		18		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Acetone	**18**		18		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Benzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Bromobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Bromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Bromodichloromethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Bromoform	ND		4.6		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Bromomethane	ND		18		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
cis-1,2-Dichloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
cis-1,3-Dichloropropene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Carbon disulfide	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Carbon tetrachloride	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Chlorobenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Chloroethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Chloroform	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Chloromethane	ND		18		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Dibromochloromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Dibromomethane	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Ethylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Isopropylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Methylene Chloride	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B-9-1
Date Collected: 04/14/22 09:06
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
n-Butylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
N-Propylbenzene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
o-Xylene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
m,p-Xylene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
p-Isopropyltoluene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
sec-Butylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Styrene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
trans-1,2-Dichloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
tert-Butylbenzene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Tetrachloroethene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Toluene	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Trichloroethene	ND		1.8		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Trichlorofluoromethane	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Vinyl acetate	ND		9.1		ug/Kg		04/16/22 08:20	04/19/22 15:41	1
Vinyl chloride	ND		0.91		ug/Kg		04/16/22 08:20	04/19/22 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 142*	*04/16/22 08:20*	*04/19/22 15:41*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*04/16/22 08:20*	*04/19/22 15:41*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 123*	*04/16/22 08:20*	*04/19/22 15:41*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/16/22 08:20*	*04/19/22 15:41*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-4-1
Date Collected: 04/14/22 08:25
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C15-C16	**6.6**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C17-C18	**16**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C19-C20	**22**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C21-C22	**21**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C23-C24	**18**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C25-C28	**47**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C29-C32	**81**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C33-C36	**69**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C37-C40	**12**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C41-C44	**16**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
C6-C44	**340**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1
Diesel Range Organics [C10-C28]	**130**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*60 - 138*	*04/19/22 11:22*	*04/20/22 16:24*	*1*

Client Sample ID: B-4-3
Date Collected: 04/14/22 08:33
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C19-C20	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C21-C22	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C23-C24	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C25-C28	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C29-C32	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C33-C36	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C37-C40	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C41-C44	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
C6-C44	**8.6**		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1
Diesel Range Organics [C10-C28]	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*74*		*60 - 138*	*04/19/22 11:22*	*04/20/22 02:53*	*1*

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-3-1
Date Collected: 04/14/22 10:36
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C7 as C7	ND		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C8 as C8	ND		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C9-C10	ND		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C11-C12	ND		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C13-C14	ND		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C15-C16	**59**		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C17-C18	**75**		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C19-C20	**71**		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C21-C22	**68**		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C23-C24	**80**		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C25-C28	**280**		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C29-C32	**410**		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C33-C36	**320**		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C37-C40	**59**		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C41-C44	**75**		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
C6-C44	**1700**		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10
Diesel Range Organics [C10-C28]	**660**		49		mg/Kg		04/19/22 11:22	04/20/22 03:18	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*79*		*60 - 138*	*04/19/22 11:22*	*04/20/22 03:18*	*10*

Client Sample ID: B-3-3
Date Collected: 04/14/22 10:42
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C7 as C7	ND		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C8 as C8	ND		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C9-C10	ND		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C11-C12	ND		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C13-C14	**63**		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C15-C16	**120**		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C17-C18	**150**		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C19-C20	**140**		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C21-C22	**130**		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C23-C24	**130**		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C25-C28	**390**		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C29-C32	**560**		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C33-C36	**450**		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C37-C40	**89**		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C41-C44	**120**		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
C6-C44	**2600**		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10
Diesel Range Organics [C10-C28]	**1100**		49		mg/Kg		04/19/22 11:22	04/20/22 03:44	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*60 - 138*	*04/19/22 11:22*	*04/20/22 03:44*	*10*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-3-8
Date Collected: 04/14/22 10:53
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C19-C20	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C21-C22	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C23-C24	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C25-C28	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C29-C32	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C33-C36	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C37-C40	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C41-C44	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
C6-C44	**6.9**		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1
Diesel Range Organics [C10-C28]	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*60 - 138*	*04/19/22 11:22*	*04/20/22 04:09*	*1*

Client Sample ID: B-2-1
Date Collected: 04/14/22 11:58
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C19-C20	**10**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C21-C22	**18**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C23-C24	**27**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C25-C28	**94**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C29-C32	**140**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C33-C36	**110**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C37-C40	**19**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C41-C44	**24**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
C6-C44	**500**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1
Diesel Range Organics [C10-C28]	**150**		4.9		mg/Kg		04/19/22 11:22	04/20/22 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*60 - 138*	*04/19/22 11:22*	*04/20/22 16:49*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-2-3
Date Collected: 04/14/22 12:05
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C7 as C7	ND		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C8 as C8	ND		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C9-C10	ND		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C11-C12	ND		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C13-C14	ND		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C15-C16	ND		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C17-C18	ND		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C19-C20	ND		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C21-C22	**57**		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C23-C24	**77**		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C25-C28	**260**		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C29-C32	**390**		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C33-C36	**320**		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C37-C40	**72**		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C41-C44	**94**		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
C6-C44	**1600**		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10
Diesel Range Organics [C10-C28]	**520**		50		mg/Kg		04/19/22 11:22	04/20/22 05:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*60 - 138*	*04/19/22 11:22*	*04/20/22 05:25*	*10*

Client Sample ID: B-2-7
Date Collected: 04/14/22 12:17
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C7 as C7	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C8 as C8	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C9-C10	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C11-C12	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C13-C14	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C15-C16	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C17-C18	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C19-C20	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C21-C22	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C23-C24	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C25-C28	**7.7**		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C29-C32	**14**		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C33-C36	**11**		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C37-C40	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C41-C44	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
C6-C44	**49**		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1
Diesel Range Organics [C10-C28]	**13**		5.0		mg/Kg		04/19/22 11:22	04/20/22 05:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*60 - 138*	*04/19/22 11:22*	*04/20/22 05:51*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-1-1
Date Collected: 04/14/22 13:10
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C7 as C7	ND		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C8 as C8	ND		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C9-C10	ND		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C11-C12	ND		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C13-C14	ND		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C15-C16	ND		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C17-C18	ND		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C19-C20	ND		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C21-C22	ND		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C23-C24	ND		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C25-C28	**120**		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C29-C32	**210**		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C33-C36	**180**		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C37-C40	ND		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C41-C44	**60**		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
C6-C44	**780**		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10
Diesel Range Organics [C10-C28]	**190**		50		mg/Kg		04/19/22 11:22	04/20/22 06:16	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*60 - 138*	*04/19/22 11:22*	*04/20/22 06:16*	*10*

Client Sample ID: B-1-7
Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C7 as C7	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C8 as C8	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C9-C10	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C11-C12	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C13-C14	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C15-C16	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C17-C18	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C19-C20	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C21-C22	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C23-C24	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C25-C28	**8.8**		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C29-C32	**15**		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C33-C36	**12**		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C37-C40	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C41-C44	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
C6-C44	**55**		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1
Diesel Range Organics [C10-C28]	**14**		5.0		mg/Kg		04/19/22 11:22	04/20/22 06:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*85*		*60 - 138*	*04/19/22 11:22*	*04/20/22 06:42*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-1-7-D
Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C19-C20	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C21-C22	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C23-C24	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C25-C28	**7.9**		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C29-C32	**13**		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C33-C36	**10**		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C37-C40	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C41-C44	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
C6-C44	**49**		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1
Diesel Range Organics [C10-C28]	**13**		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*83*		*60 - 138*	*04/19/22 11:22*	*04/20/22 07:07*	*1*

Client Sample ID: B-1-10
Date Collected: 04/14/22 13:35
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C7 as C7	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C8 as C8	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C9-C10	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C11-C12	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C13-C14	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C15-C16	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C17-C18	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C19-C20	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C21-C22	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C23-C24	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C25-C28	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C29-C32	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C33-C36	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C37-C40	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C41-C44	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
C6-C44	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1
Diesel Range Organics [C10-C28]	ND		4.9		mg/Kg		04/19/22 11:22	04/20/22 07:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*60 - 138*	*04/19/22 11:22*	*04/20/22 07:33*	*1*

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B-9-1
Date Collected: 04/14/22 09:06
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C7 as C7	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C8 as C8	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C9-C10	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C11-C12	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C13-C14	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C15-C16	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C17-C18	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C19-C20	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C21-C22	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C23-C24	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C25-C28	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C29-C32	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C33-C36	**5.6**		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C37-C40	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C41-C44	ND		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
C6-C44	**26**		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1
Diesel Range Organics [C10-C28]	**5.9**		5.0		mg/Kg		04/19/22 11:22	04/20/22 07:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*85*		*60 - 138*	*04/19/22 11:22*	*04/20/22 07:58*	*1*

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: B-9-1
Date Collected: 04/14/22 09:06
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
4,4'-DDE	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
4,4'-DDT	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
Aldrin	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
alpha-BHC	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
alpha-Chlordane	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
beta-BHC	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
Chlordane	ND		25		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
delta-BHC	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
Dieldrin	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
Endosulfan I	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
Endosulfan II	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
Endosulfan sulfate	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
Endrin	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
Endrin aldehyde	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
Endrin ketone	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
gamma-Chlordane	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
gamma-BHC	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
Heptachlor	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
Heptachlor epoxide	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
Methoxychlor	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 12:00	1
Toxaphene	ND		25		ug/Kg		04/19/22 11:30	04/21/22 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*66*		*38 - 148*	*04/19/22 11:30*	*04/21/22 12:00*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*37 - 151*	*04/19/22 11:30*	*04/21/22 12:00*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B-4-1
Date Collected: 04/14/22 08:25
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:17	1
Aroclor-1221	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:17	1
Aroclor-1232	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:17	1
Aroclor-1242	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:17	1
Aroclor-1248	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:17	1
Aroclor-1254	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:17	1
Aroclor-1260	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:17	1
Aroclor-1262	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:17	1
Aroclor-1268	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*58*		*25 - 126*	*04/19/22 16:52*	*04/21/22 09:17*	*1*
DCB Decachlorobiphenyl (Surr)	*71*		*20 - 155*	*04/19/22 16:52*	*04/21/22 09:17*	*1*

Client Sample ID: B-4-3
Date Collected: 04/14/22 08:33
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:36	1
Aroclor-1221	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:36	1
Aroclor-1232	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:36	1
Aroclor-1242	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:36	1
Aroclor-1248	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:36	1
Aroclor-1254	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:36	1
Aroclor-1260	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:36	1
Aroclor-1262	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:36	1
Aroclor-1268	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*58*		*25 - 126*	*04/19/22 16:52*	*04/21/22 09:36*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*20 - 155*	*04/19/22 16:52*	*04/21/22 09:36*	*1*

Client Sample ID: B-3-1
Date Collected: 04/14/22 10:36
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:55	1
Aroclor-1221	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:55	1
Aroclor-1232	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:55	1
Aroclor-1242	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:55	1
Aroclor-1248	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:55	1
Aroclor-1254	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:55	1
Aroclor-1260	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:55	1
Aroclor-1262	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:55	1
Aroclor-1268	ND		50		ug/Kg		04/19/22 16:52	04/21/22 09:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*49*		*25 - 126*	*04/19/22 16:52*	*04/21/22 09:55*	*1*
DCB Decachlorobiphenyl (Surr)	*62*		*20 - 155*	*04/19/22 16:52*	*04/21/22 09:55*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B-3-3
Date Collected: 04/14/22 10:42
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:14	1
Aroclor-1221	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:14	1
Aroclor-1232	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:14	1
Aroclor-1242	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:14	1
Aroclor-1248	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:14	1
Aroclor-1254	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:14	1
Aroclor-1260	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:14	1
Aroclor-1262	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:14	1
Aroclor-1268	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*52*		*25 - 126*	*04/19/22 16:52*	*04/21/22 10:14*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*20 - 155*	*04/19/22 16:52*	*04/21/22 10:14*	*1*

Client Sample ID: B-3-8
Date Collected: 04/14/22 10:53
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:33	1
Aroclor-1221	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:33	1
Aroclor-1232	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:33	1
Aroclor-1242	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:33	1
Aroclor-1248	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:33	1
Aroclor-1254	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:33	1
Aroclor-1260	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:33	1
Aroclor-1262	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:33	1
Aroclor-1268	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*49*		*25 - 126*	*04/19/22 16:52*	*04/21/22 10:33*	*1*
DCB Decachlorobiphenyl (Surr)	*63*		*20 - 155*	*04/19/22 16:52*	*04/21/22 10:33*	*1*

Client Sample ID: B-2-1
Date Collected: 04/14/22 11:58
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:52	1
Aroclor-1221	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:52	1
Aroclor-1232	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:52	1
Aroclor-1242	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:52	1
Aroclor-1248	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:52	1
Aroclor-1254	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:52	1
Aroclor-1260	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:52	1
Aroclor-1262	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:52	1
Aroclor-1268	ND		50		ug/Kg		04/19/22 16:52	04/21/22 10:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*59*		*25 - 126*	*04/19/22 16:52*	*04/21/22 10:52*	*1*
DCB Decachlorobiphenyl (Surr)	*65*		*20 - 155*	*04/19/22 16:52*	*04/21/22 10:52*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B-2-3
Date Collected: 04/14/22 12:05
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:10	1
Aroclor-1221	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:10	1
Aroclor-1232	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:10	1
Aroclor-1242	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:10	1
Aroclor-1248	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:10	1
Aroclor-1254	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:10	1
Aroclor-1260	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:10	1
Aroclor-1262	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:10	1
Aroclor-1268	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*54*		*25 - 126*	*04/19/22 16:52*	*04/21/22 11:10*	*1*
DCB Decachlorobiphenyl (Surr)	*63*		*20 - 155*	*04/19/22 16:52*	*04/21/22 11:10*	*1*

Client Sample ID: B-2-7
Date Collected: 04/14/22 12:17
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:29	1
Aroclor-1221	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:29	1
Aroclor-1232	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:29	1
Aroclor-1242	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:29	1
Aroclor-1248	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:29	1
Aroclor-1254	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:29	1
Aroclor-1260	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:29	1
Aroclor-1262	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:29	1
Aroclor-1268	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*55*		*25 - 126*	*04/19/22 16:52*	*04/21/22 11:29*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*20 - 155*	*04/19/22 16:52*	*04/21/22 11:29*	*1*

Client Sample ID: B-1-1
Date Collected: 04/14/22 13:10
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:48	1
Aroclor-1221	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:48	1
Aroclor-1232	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:48	1
Aroclor-1242	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:48	1
Aroclor-1248	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:48	1
Aroclor-1254	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:48	1
Aroclor-1260	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:48	1
Aroclor-1262	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:48	1
Aroclor-1268	ND		50		ug/Kg		04/19/22 16:52	04/21/22 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*51*		*25 - 126*	*04/19/22 16:52*	*04/21/22 11:48*	*1*
DCB Decachlorobiphenyl (Surr)	*59*		*20 - 155*	*04/19/22 16:52*	*04/21/22 11:48*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B-1-7
Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:07	1
Aroclor-1221	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:07	1
Aroclor-1232	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:07	1
Aroclor-1242	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:07	1
Aroclor-1248	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:07	1
Aroclor-1254	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:07	1
Aroclor-1260	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:07	1
Aroclor-1262	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:07	1
Aroclor-1268	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*57*		*25 - 126*	*04/19/22 16:52*	*04/21/22 12:07*	*1*
DCB Decachlorobiphenyl (Surr)	*67*		*20 - 155*	*04/19/22 16:52*	*04/21/22 12:07*	*1*

Client Sample ID: B-1-7-D
Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:26	1
Aroclor-1221	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:26	1
Aroclor-1232	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:26	1
Aroclor-1242	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:26	1
Aroclor-1248	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:26	1
Aroclor-1254	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:26	1
Aroclor-1260	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:26	1
Aroclor-1262	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:26	1
Aroclor-1268	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*55*		*25 - 126*	*04/19/22 16:52*	*04/21/22 12:26*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*20 - 155*	*04/19/22 16:52*	*04/21/22 12:26*	*1*

Client Sample ID: B-1-10
Date Collected: 04/14/22 13:35
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:45	1
Aroclor-1221	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:45	1
Aroclor-1232	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:45	1
Aroclor-1242	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:45	1
Aroclor-1248	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:45	1
Aroclor-1254	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:45	1
Aroclor-1260	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:45	1
Aroclor-1262	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:45	1
Aroclor-1268	ND		50		ug/Kg		04/19/22 16:52	04/21/22 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*56*		*25 - 126*	*04/19/22 16:52*	*04/21/22 12:45*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*20 - 155*	*04/19/22 16:52*	*04/21/22 12:45*	*1*

Method: 6010B - Metals (ICP)

Client Sample ID: B-4-1
Date Collected: 04/14/22 08:25
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.508		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Antimony	ND		10.2		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Beryllium	ND		0.508		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Barium	**77.0**		3.05		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Thallium	ND		10.2		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Molybdenum	ND		2.03		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Nickel	**8.91**		2.03		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Vanadium	**31.0**		1.02		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Silver	ND		1.52		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Arsenic	ND		3.05		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Copper	**9.53**		2.03		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Lead	**8.05**		2.03		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Zinc	**42.9**		5.08		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Selenium	ND		3.05		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Chromium	**14.8**		1.02		mg/Kg		04/18/22 18:47	04/20/22 11:51	5
Cobalt	**5.60**		1.02		mg/Kg		04/18/22 18:47	04/20/22 11:51	5

Client Sample ID: B-4-3
Date Collected: 04/14/22 08:33
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**1.73**		0.498		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Antimony	ND		9.95		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Beryllium	ND		0.498		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Barium	**89.0**		2.99		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Thallium	ND		9.95		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Molybdenum	ND		1.99		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Nickel	**10.0**		1.99		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Vanadium	**34.2**		0.995		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Silver	ND		1.49		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Arsenic	ND		2.99		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Copper	**12.9**		1.99		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Lead	**5.80**		1.99		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Zinc	**44.3**		4.98		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Selenium	ND		2.99		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Chromium	**16.8**		0.995		mg/Kg		04/16/22 14:42	04/20/22 18:59	5
Cobalt	**7.39**		0.995		mg/Kg		04/16/22 14:42	04/20/22 18:59	5

Client Sample ID: B-3-1
Date Collected: 04/14/22 10:36
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.838**		0.508		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Antimony	ND		10.2		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Beryllium	ND		0.508		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Barium	**29.8**		3.05		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Thallium	ND		10.2		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Molybdenum	ND		2.03		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Nickel	**4.80**		2.03		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Vanadium	**15.9**		1.02		mg/Kg		04/16/22 14:42	04/20/22 19:01	5

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: B-3-1
Date Collected: 04/14/22 10:36
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.52		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Arsenic	ND		3.05		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Copper	**4.42**		2.03		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Lead	**2.63**		2.03		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Zinc	**21.7**		5.08		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Selenium	ND		3.05		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Chromium	**5.94**		1.02		mg/Kg		04/16/22 14:42	04/20/22 19:01	5
Cobalt	**3.12**		1.02		mg/Kg		04/16/22 14:42	04/20/22 19:01	5

Client Sample ID: B-3-3
Date Collected: 04/14/22 10:42
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**1.01**		0.503		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Antimony	ND		10.1		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Beryllium	ND		0.503		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Barium	**40.3**		3.02		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Thallium	ND		10.1		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Molybdenum	ND		2.01		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Nickel	**6.44**		2.01		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Vanadium	**19.8**		1.01		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Silver	ND		1.51		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Arsenic	ND		3.02		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Copper	**7.11**		2.01		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Lead	**3.74**		2.01		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Zinc	**33.8**		5.03		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Selenium	ND		3.02		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Chromium	**7.19**		1.01		mg/Kg		04/16/22 14:42	04/20/22 19:14	5
Cobalt	**4.03**		1.01		mg/Kg		04/16/22 14:42	04/20/22 19:14	5

Client Sample ID: B-3-8
Date Collected: 04/14/22 10:53
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**1.84**		0.505		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Antimony	ND		10.1		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Beryllium	ND		0.505		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Barium	**92.8**		3.03		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Thallium	ND		10.1		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Molybdenum	ND		2.02		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Nickel	**10.8**		2.02		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Vanadium	**36.0**		1.01		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Silver	ND		1.52		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Arsenic	ND		3.03		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Copper	**14.1**		2.02		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Lead	**5.91**		2.02		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Zinc	**45.6**		5.05		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Selenium	ND		3.03		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Chromium	**18.2**		1.01		mg/Kg		04/16/22 14:42	04/20/22 19:16	5
Cobalt	**7.84**		1.01		mg/Kg		04/16/22 14:42	04/20/22 19:16	5

Method: 6010B - Metals (ICP)

Client Sample ID: B-2-1
Date Collected: 04/14/22 11:58
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**1.64**		0.500		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Antimony	ND		10.0		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Beryllium	ND		0.500		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Barium	**72.9**		3.00		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Thallium	ND		10.0		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Molybdenum	ND		2.00		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Nickel	**10.1**		2.00		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Vanadium	**30.7**		1.00		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Silver	ND		1.50		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Arsenic	ND		3.00		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Copper	**11.9**		2.00		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Lead	**4.95**		2.00		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Zinc	**43.9**		5.00		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Selenium	ND		3.00		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Chromium	**14.2**		1.00		mg/Kg		04/16/22 14:42	04/20/22 19:19	5
Cobalt	**6.60**		1.00		mg/Kg		04/16/22 14:42	04/20/22 19:19	5

Client Sample ID: B-2-3
Date Collected: 04/14/22 12:05
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**1.69**		0.505		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Antimony	ND		10.1		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Beryllium	ND		0.505		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Barium	**85.3**		3.03		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Thallium	ND		10.1		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Molybdenum	ND		2.02		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Nickel	**12.2**		2.02		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Vanadium	**30.9**		1.01		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Silver	ND		1.52		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Arsenic	ND		3.03		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Copper	**12.8**		2.02		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Lead	**5.28**		2.02		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Zinc	**47.0**		5.05		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Selenium	ND		3.03		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Chromium	**15.1**		1.01		mg/Kg		04/16/22 14:42	04/20/22 19:21	5
Cobalt	**6.84**		1.01		mg/Kg		04/16/22 14:42	04/20/22 19:21	5

Client Sample ID: B-2-7
Date Collected: 04/14/22 12:17
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**1.83**		0.505		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Antimony	ND		10.1		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Beryllium	ND		0.505		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Barium	**85.8**		3.03		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Thallium	ND		10.1		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Molybdenum	ND		2.02		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Nickel	**10.7**		2.02		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Vanadium	**35.3**		1.01		mg/Kg		04/16/22 14:42	04/20/22 19:23	5

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: B-2-7
Date Collected: 04/14/22 12:17
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.52		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Arsenic	ND		3.03		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Copper	**14.1**		2.02		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Lead	**8.08**		2.02		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Zinc	**47.0**		5.05		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Selenium	ND		3.03		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Chromium	**18.1**		1.01		mg/Kg		04/16/22 14:42	04/20/22 19:23	5
Cobalt	**7.85**		1.01		mg/Kg		04/16/22 14:42	04/20/22 19:23	5

Client Sample ID: B-1-1
Date Collected: 04/14/22 13:10
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**1.38**		0.490		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Antimony	ND		9.80		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Beryllium	ND		0.490		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Barium	**81.5**		2.94		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Thallium	ND		9.80		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Molybdenum	ND		1.96		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Nickel	**10.4**		1.96		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Vanadium	**26.0**		0.980		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Silver	ND		1.47		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Arsenic	ND		2.94		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Copper	**13.7**		1.96		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Lead	**9.82**		1.96		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Zinc	**41.3**		4.90		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Selenium	ND		2.94		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Chromium	**13.4**		0.980		mg/Kg		04/16/22 14:42	04/20/22 19:26	5
Cobalt	**6.41**		0.980		mg/Kg		04/16/22 14:42	04/20/22 19:26	5

Client Sample ID: B-1-7
Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**1.75**		0.508		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Antimony	ND		10.2		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Beryllium	ND		0.508		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Barium	**91.6**		3.05		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Thallium	ND		10.2		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Molybdenum	ND		2.03		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Nickel	**10.0**		2.03		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Vanadium	**34.6**		1.02		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Silver	ND		1.52		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Arsenic	ND		3.05		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Copper	**13.1**		2.03		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Lead	**12.2**		2.03		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Zinc	**47.0**		5.08		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Selenium	ND		3.05		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Chromium	**17.5**		1.02		mg/Kg		04/16/22 14:42	04/20/22 19:28	5
Cobalt	**7.36**		1.02		mg/Kg		04/16/22 14:42	04/20/22 19:28	5

Method: 6010B - Metals (ICP)

Client Sample ID: B-1-7-D
Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**1.80**		0.510		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Antimony	ND		10.2		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Beryllium	ND		0.510		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Barium	**93.6**		3.06		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Thallium	ND		10.2		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Molybdenum	ND		2.04		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Nickel	**13.5**		2.04		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Vanadium	**34.0**		1.02		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Silver	ND		1.53		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Arsenic	ND		3.06		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Copper	**14.6**		2.04		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Lead	**15.3**		2.04		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Zinc	**52.2**		5.10		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Selenium	ND		3.06		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Chromium	**20.1**		1.02		mg/Kg		04/16/22 14:42	04/20/22 19:31	5
Cobalt	**7.63**		1.02		mg/Kg		04/16/22 14:42	04/20/22 19:31	5

Client Sample ID: B-1-10
Date Collected: 04/14/22 13:35
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**1.61**		0.510		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Antimony	**43.7**		10.2		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Beryllium	ND		0.510		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Barium	**48.2**		3.06		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Thallium	ND		10.2		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Molybdenum	**4.67**		2.04		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Nickel	**140**		2.04		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Vanadium	**26.6**		1.02		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Silver	ND		1.53		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Arsenic	ND		3.06		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Copper	**18.4**		2.04		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Lead	**3.53**		2.04		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Zinc	**40.1**		5.10		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Selenium	ND		3.06		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Chromium	**157**		1.02		mg/Kg		04/16/22 14:42	04/20/22 19:33	5
Cobalt	**12.7**		1.02		mg/Kg		04/16/22 14:42	04/20/22 19:33	5

Client Sample ID: B-9-1
Date Collected: 04/14/22 09:06
Date Received: 04/14/22 17:04
Lab Sample ID: 570-92671-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**1.72**		0.493		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Antimony	ND		9.85		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Beryllium	ND		0.493		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Barium	**73.3**		2.96		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Thallium	ND		9.85		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Molybdenum	ND		1.97		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Nickel	**9.43**		1.97		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Vanadium	**30.8**		0.985		mg/Kg		04/16/22 14:42	04/20/22 19:35	5

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: B-9-1
Date Collected: 04/14/22 09:06
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.48		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Arsenic	ND		2.96		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Copper	**11.9**		1.97		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Lead	**3.85**		1.97		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Zinc	**38.1**		4.93		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Selenium	ND		2.96		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Chromium	**16.0**		0.985		mg/Kg		04/16/22 14:42	04/20/22 19:35	5
Cobalt	**6.98**		0.985		mg/Kg		04/16/22 14:42	04/20/22 19:35	5

Method: 7471A - Mercury (CVAA)

Client Sample ID: B-4-1
Date Collected: 04/14/22 08:25
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847		mg/Kg		04/18/22 14:11	04/18/22 17:00	1

Client Sample ID: B-4-3
Date Collected: 04/14/22 08:33
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0862		mg/Kg		04/18/22 14:11	04/18/22 17:02	1

Client Sample ID: B-3-1
Date Collected: 04/14/22 10:36
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		04/18/22 14:11	04/18/22 17:04	1

Client Sample ID: B-3-3
Date Collected: 04/14/22 10:42
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0877		mg/Kg		04/18/22 14:11	04/18/22 17:06	1

Client Sample ID: B-3-8
Date Collected: 04/14/22 10:53
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794		mg/Kg		04/18/22 14:11	04/18/22 17:07	1

Client Sample ID: B-2-1
Date Collected: 04/14/22 11:58
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		04/18/22 14:11	04/18/22 17:09	1

Client Sample ID: B-2-3
Date Collected: 04/14/22 12:05
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0877		mg/Kg		04/18/22 14:11	04/18/22 17:11	1

Client Sample ID: B-2-7
Date Collected: 04/14/22 12:17
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820		mg/Kg		04/18/22 14:11	04/18/22 17:13	1

Client Sample ID: B-1-1
Date Collected: 04/14/22 13:10
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0806		mg/Kg		04/18/22 14:11	04/18/22 17:15	1

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Method: 7471A - Mercury (CVAA)

Client Sample ID: B-1-7
Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847		mg/Kg		04/18/22 14:11	04/18/22 17:17	1

Client Sample ID: B-1-7-D
Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		04/19/22 12:29	04/19/22 18:26	1

Client Sample ID: B-1-10
Date Collected: 04/14/22 13:35
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847		mg/Kg		04/19/22 12:29	04/19/22 18:28	1

Client Sample ID: B-9-1
Date Collected: 04/14/22 09:06
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0877		mg/Kg		04/19/22 12:29	04/19/22 18:34	1

Surrogate Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-142)	(80-120)	(80-123)	(80-120)
570-92671-1	B-4-1	95	102	96	107
570-92671-2	B-4-3	99	104	97	104
570-92671-3	B-3-1	98	103	94	102
570-92671-4	B-3-3	98	95	97	105
570-92671-5	B-3-8	108	103	104	104
570-92671-6	B-2-1	96	100	96	93
570-92671-7	B-2-3	97	97	97	93
570-92671-8	B-2-7	98	98	99	93
570-92671-9	B-1-1	103	97	103	94
570-92671-10	B-1-7	101	97	103	93
570-92671-11	B-1-7-D	102	99	104	93
570-92671-12	B-1-10	100	99	102	93
570-92671-13	B-9-1	102	96	102	94
LCS 570-227414/4	Lab Control Sample	85	97	94	99
LCS 570-227596/3	Lab Control Sample	85	93	89	94
LCSD 570-227414/5	Lab Control Sample Dup	86	99	97	102
LCSD 570-227596/4	Lab Control Sample Dup	86	92	92	95
MB 570-227414/10	Method Blank	93	104	95	103
MB 570-227596/5	Method Blank	85	95	93	91

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(60-138)
570-92602-D-21-C MS	Matrix Spike	89
570-92602-D-21-D MSD	Matrix Spike Duplicate	91
570-92671-1	B-4-1	88
570-92671-2	B-4-3	74
570-92671-3	B-3-1	79
570-92671-4	B-3-3	90
570-92671-5	B-3-8	89
570-92671-6	B-2-1	95
570-92671-7	B-2-3	95
570-92671-8	B-2-7	89
570-92671-9	B-1-1	88
570-92671-10	B-1-7	85
570-92671-11	B-1-7-D	83
570-92671-12	B-1-10	87
570-92671-13	B-9-1	85
LCS 570-227669/2-A	Lab Control Sample	87
LCSD 570-227669/3-A	Lab Control Sample Dup	88
MB 570-227669/1-A	Method Blank	89

Surrogate Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (38-148)	DCB1 (37-151)
570-92671-13	B-9-1	66	72
570-92671-13 MS	B-9-1	89	89
570-92671-13 MSD	B-9-1	89	87
LCS 570-227672/2-A	Lab Control Sample	87	87
LCSD 570-227672/3-A	Lab Control Sample Dup	90	89
MB 570-227672/1-A	Method Blank	82	88

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (25-126)	DCB1 (20-155)
570-92671-1	B-4-1	58	71
570-92671-2	B-4-3	58	74
570-92671-3	B-3-1	49	62
570-92671-4	B-3-3	52	74
570-92671-5	B-3-8	49	63
570-92671-6	B-2-1	59	65
570-92671-7	B-2-3	54	63
570-92671-8	B-2-7	55	68
570-92671-9	B-1-1	51	59
570-92671-10	B-1-7	57	67
570-92671-11	B-1-7-D	55	70
570-92671-12	B-1-10	56	75
570-92916-A-1-A MS	Matrix Spike	65	63
570-92916-A-1-B MSD	Matrix Spike Duplicate	57	54
LCS 570-227665/2-A	Lab Control Sample	86	71
LCSD 570-227665/3-A	Lab Control Sample Dup	91	73
MB 570-227665/1-A	Method Blank	88	75

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-227414/10
Matrix: Solid
Analysis Batch: 227414

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			04/18/22 11:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			04/18/22 11:31	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,1-Dichloroethane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,1-Dichloroethene	ND		1.0		ug/Kg			04/18/22 11:31	1
1,1-Dichloropropene	ND		2.0		ug/Kg			04/18/22 11:31	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			04/18/22 11:31	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg			04/18/22 11:31	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			04/18/22 11:31	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			04/18/22 11:31	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			04/18/22 11:31	1
1,2-Dibromoethane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
1,2-Dichloroethane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,2-Dichloropropane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			04/18/22 11:31	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
1,3-Dichloropropane	ND		1.0		ug/Kg			04/18/22 11:31	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
2,2-Dichloropropane	ND		5.0		ug/Kg			04/18/22 11:31	1
2-Butanone	ND		20		ug/Kg			04/18/22 11:31	1
2-Chlorotoluene	ND		1.0		ug/Kg			04/18/22 11:31	1
2-Hexanone	ND		20		ug/Kg			04/18/22 11:31	1
4-Chlorotoluene	ND		1.0		ug/Kg			04/18/22 11:31	1
4-Methyl-2-pentanone	ND		20		ug/Kg			04/18/22 11:31	1
Acetone	ND		20		ug/Kg			04/18/22 11:31	1
Benzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Bromobenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Bromochloromethane	ND		2.0		ug/Kg			04/18/22 11:31	1
Bromodichloromethane	ND		1.0		ug/Kg			04/18/22 11:31	1
Bromoform	ND		5.0		ug/Kg			04/18/22 11:31	1
Bromomethane	ND		20		ug/Kg			04/18/22 11:31	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			04/18/22 11:31	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			04/18/22 11:31	1
Carbon disulfide	ND		10		ug/Kg			04/18/22 11:31	1
Carbon tetrachloride	ND		1.0		ug/Kg			04/18/22 11:31	1
Chlorobenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Chloroethane	ND		2.0		ug/Kg			04/18/22 11:31	1
Chloroform	ND		1.0		ug/Kg			04/18/22 11:31	1
Chloromethane	ND		20		ug/Kg			04/18/22 11:31	1
Dibromochloromethane	ND		2.0		ug/Kg			04/18/22 11:31	1
Dibromomethane	ND		1.0		ug/Kg			04/18/22 11:31	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			04/18/22 11:31	1
Ethylbenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Isopropylbenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Methylene Chloride	ND		10		ug/Kg			04/18/22 11:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-227414/10
Matrix: Solid
Analysis Batch: 227414

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg			04/18/22 11:31	1
Naphthalene	ND		10		ug/Kg			04/18/22 11:31	1
n-Butylbenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
N-Propylbenzene	ND		2.0		ug/Kg			04/18/22 11:31	1
o-Xylene	ND		1.0		ug/Kg			04/18/22 11:31	1
m,p-Xylene	ND		2.0		ug/Kg			04/18/22 11:31	1
p-Isopropyltoluene	ND		1.0		ug/Kg			04/18/22 11:31	1
sec-Butylbenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Styrene	ND		1.0		ug/Kg			04/18/22 11:31	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg			04/18/22 11:31	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			04/18/22 11:31	1
tert-Butylbenzene	ND		1.0		ug/Kg			04/18/22 11:31	1
Tetrachloroethene	ND		1.0		ug/Kg			04/18/22 11:31	1
Toluene	ND		1.0		ug/Kg			04/18/22 11:31	1
Trichloroethene	ND		2.0		ug/Kg			04/18/22 11:31	1
Trichlorofluoromethane	ND		10		ug/Kg			04/18/22 11:31	1
Vinyl acetate	ND		10		ug/Kg			04/18/22 11:31	1
Vinyl chloride	ND		1.0		ug/Kg			04/18/22 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 142*		*04/18/22 11:31*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*04/18/22 11:31*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 123*		*04/18/22 11:31*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/18/22 11:31*	*1*

Lab Sample ID: LCS 570-227414/4
Matrix: Solid
Analysis Batch: 227414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	50.0	52.26		ug/Kg		105	70 - 120
1,2-Dibromoethane	50.0	55.95		ug/Kg		112	80 - 120
1,2-Dichlorobenzene	50.0	53.63		ug/Kg		107	80 - 120
1,2-Dichloroethane	50.0	48.04		ug/Kg		96	80 - 120
Benzene	50.0	52.66		ug/Kg		105	80 - 120
Carbon tetrachloride	50.0	51.78		ug/Kg		104	80 - 125
Chlorobenzene	50.0	55.03		ug/Kg		110	80 - 120
Ethylbenzene	50.0	54.79		ug/Kg		110	80 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	47.22		ug/Kg		94	73 - 137
o-Xylene	50.0	54.69		ug/Kg		109	80 - 120
m,p-Xylene	100	109.4		ug/Kg		109	80 - 120
Toluene	50.0	53.34		ug/Kg		107	80 - 120
Trichloroethene	50.0	55.27		ug/Kg		111	80 - 120
Vinyl chloride	50.0	52.93		ug/Kg		106	77 - 138

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*80 - 142*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-227414/4
Matrix: Solid
Analysis Batch: 227414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*94*		*80 - 123*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-227414/5
Matrix: Solid
Analysis Batch: 227414

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene			50.0	52.49		ug/Kg		105	70 - 120	0	20
1,2-Dibromoethane			50.0	56.25		ug/Kg		113	80 - 120	1	20
1,2-Dichlorobenzene			50.0	54.45		ug/Kg		109	80 - 120	2	20
1,2-Dichloroethane			50.0	48.10		ug/Kg		96	80 - 120	0	20
Benzene			50.0	52.62		ug/Kg		105	80 - 120	0	20
Carbon tetrachloride			50.0	52.53		ug/Kg		105	80 - 125	1	20
Chlorobenzene			50.0	55.21		ug/Kg		110	80 - 120	0	20
Ethylbenzene			50.0	54.43		ug/Kg		109	80 - 120	1	20
Methyl-t-Butyl Ether (MTBE)			50.0	47.80		ug/Kg		96	73 - 137	1	20
o-Xylene			50.0	54.68		ug/Kg		109	80 - 120	0	20
m,p-Xylene			100	109.7		ug/Kg		110	80 - 120	0	20
Toluene			50.0	53.66		ug/Kg		107	80 - 120	1	20
Trichloroethene			50.0	55.50		ug/Kg		111	80 - 120	0	20
Vinyl chloride			50.0	53.86		ug/Kg		108	77 - 138	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*86*		*80 - 142*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 570-227596/5
Matrix: Solid
Analysis Batch: 227596

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			04/19/22 10:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			04/19/22 10:15	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,1-Dichloroethane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,1-Dichloroethene	ND		1.0		ug/Kg			04/19/22 10:15	1
1,1-Dichloropropene	ND		2.0		ug/Kg			04/19/22 10:15	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			04/19/22 10:15	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg			04/19/22 10:15	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			04/19/22 10:15	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			04/19/22 10:15	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			04/19/22 10:15	1
1,2-Dibromoethane	ND		1.0		ug/Kg			04/19/22 10:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-227596/5
Matrix: Solid
Analysis Batch: 227596

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
1,2-Dichloroethane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,2-Dichloropropane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			04/19/22 10:15	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
1,3-Dichloropropane	ND		1.0		ug/Kg			04/19/22 10:15	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
2,2-Dichloropropane	ND		5.0		ug/Kg			04/19/22 10:15	1
2-Butanone	ND		20		ug/Kg			04/19/22 10:15	1
2-Chlorotoluene	ND		1.0		ug/Kg			04/19/22 10:15	1
2-Hexanone	ND		20		ug/Kg			04/19/22 10:15	1
4-Chlorotoluene	ND		1.0		ug/Kg			04/19/22 10:15	1
4-Methyl-2-pentanone	ND		20		ug/Kg			04/19/22 10:15	1
Acetone	ND		20		ug/Kg			04/19/22 10:15	1
Benzene	ND		1.0		ug/Kg			04/19/22 10:15	1
Bromobenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
Bromochloromethane	ND		2.0		ug/Kg			04/19/22 10:15	1
Bromodichloromethane	ND		1.0		ug/Kg			04/19/22 10:15	1
Bromoform	ND		5.0		ug/Kg			04/19/22 10:15	1
Bromomethane	ND		20		ug/Kg			04/19/22 10:15	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			04/19/22 10:15	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			04/19/22 10:15	1
Carbon disulfide	ND		10		ug/Kg			04/19/22 10:15	1
Carbon tetrachloride	ND		1.0		ug/Kg			04/19/22 10:15	1
Chlorobenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
Chloroethane	ND		2.0		ug/Kg			04/19/22 10:15	1
Chloroform	ND		1.0		ug/Kg			04/19/22 10:15	1
Chloromethane	ND		20		ug/Kg			04/19/22 10:15	1
Dibromochloromethane	ND		2.0		ug/Kg			04/19/22 10:15	1
Dibromomethane	ND		1.0		ug/Kg			04/19/22 10:15	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			04/19/22 10:15	1
Ethylbenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
Isopropylbenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
Methylene Chloride	ND		10		ug/Kg			04/19/22 10:15	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg			04/19/22 10:15	1
Naphthalene	ND		10		ug/Kg			04/19/22 10:15	1
n-Butylbenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
N-Propylbenzene	ND		2.0		ug/Kg			04/19/22 10:15	1
o-Xylene	ND		1.0		ug/Kg			04/19/22 10:15	1
m,p-Xylene	ND		2.0		ug/Kg			04/19/22 10:15	1
p-Isopropyltoluene	ND		1.0		ug/Kg			04/19/22 10:15	1
sec-Butylbenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
Styrene	ND		1.0		ug/Kg			04/19/22 10:15	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg			04/19/22 10:15	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			04/19/22 10:15	1
tert-Butylbenzene	ND		1.0		ug/Kg			04/19/22 10:15	1
Tetrachloroethene	ND		1.0		ug/Kg			04/19/22 10:15	1
Toluene	ND		1.0		ug/Kg			04/19/22 10:15	1
Trichloroethene	ND		2.0		ug/Kg			04/19/22 10:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-227596/5
Matrix: Solid
Analysis Batch: 227596

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		10		ug/Kg			04/19/22 10:15	1
Vinyl acetate	ND		10		ug/Kg			04/19/22 10:15	1
Vinyl chloride	ND		1.0		ug/Kg			04/19/22 10:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*80 - 142*		*04/19/22 10:15*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*04/19/22 10:15*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 123*		*04/19/22 10:15*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*04/19/22 10:15*	*1*

Lab Sample ID: LCS 570-227596/3
Matrix: Solid
Analysis Batch: 227596

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	50.0	46.36		ug/Kg		93	70 - 120
1,2-Dibromoethane	50.0	51.96		ug/Kg		104	80 - 120
1,2-Dichlorobenzene	50.0	51.44		ug/Kg		103	80 - 120
1,2-Dichloroethane	50.0	43.06		ug/Kg		86	80 - 120
Benzene	50.0	51.39		ug/Kg		103	80 - 120
Carbon tetrachloride	50.0	51.31		ug/Kg		103	80 - 125
Chlorobenzene	50.0	54.38		ug/Kg		109	80 - 120
Ethylbenzene	50.0	50.53		ug/Kg		101	80 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	47.37		ug/Kg		95	73 - 137
o-Xylene	50.0	48.23		ug/Kg		96	80 - 120
m,p-Xylene	100	97.86		ug/Kg		98	80 - 120
Toluene	50.0	49.18		ug/Kg		98	80 - 120
Trichloroethene	50.0	54.01		ug/Kg		108	80 - 120
Vinyl chloride	50.0	48.35		ug/Kg		97	77 - 138

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*80 - 142*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*89*		*80 - 123*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: LCSD 570-227596/4
Matrix: Solid
Analysis Batch: 227596

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	50.0	46.44		ug/Kg		93	70 - 120	0	20
1,2-Dibromoethane	50.0	53.14		ug/Kg		106	80 - 120	2	20
1,2-Dichlorobenzene	50.0	53.93		ug/Kg		108	80 - 120	5	20
1,2-Dichloroethane	50.0	44.92		ug/Kg		90	80 - 120	4	20
Benzene	50.0	52.30		ug/Kg		105	80 - 120	2	20
Carbon tetrachloride	50.0	52.33		ug/Kg		105	80 - 125	2	20
Chlorobenzene	50.0	55.51		ug/Kg		111	80 - 120	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-227596/4
Matrix: Solid
Analysis Batch: 227596

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene			50.0	51.16		ug/Kg		102	80 - 120	1	20
Methyl-t-Butyl Ether (MTBE)			50.0	49.19		ug/Kg		98	73 - 137	4	20
o-Xylene			50.0	49.24		ug/Kg		98	80 - 120	2	20
m,p-Xylene			100	99.13		ug/Kg		99	80 - 120	1	20
Toluene			50.0	49.99		ug/Kg		100	80 - 120	2	20
Trichloroethene			50.0	55.47		ug/Kg		111	80 - 120	3	20
Vinyl chloride			50.0	48.00		ug/Kg		96	77 - 138	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*80 - 142*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*
Dibromofluoromethane (Surr)	*92*		*80 - 123*
Toluene-d8 (Surr)	*95*		*80 - 120*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-227669/1-A
Matrix: Solid
Analysis Batch: 227783

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227669

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C7 as C7	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C8 as C8	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C9-C10	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C11-C12	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C13-C14	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C15-C16	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C17-C18	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C19-C20	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C21-C22	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C23-C24	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C25-C28	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C29-C32	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C33-C36	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C37-C40	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C41-C44	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
C6-C44	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1
Diesel Range Organics [C10-C28]	ND		5.0		mg/Kg		04/19/22 11:22	04/19/22 22:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*60 - 138*	*04/19/22 11:22*	*04/19/22 22:14*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-227669/2-A
Matrix: Solid
Analysis Batch: 227783

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227669

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	354.0		mg/Kg		89	80 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*87*		*60 - 138*

Lab Sample ID: LCSD 570-227669/3-A
Matrix: Solid
Analysis Batch: 227783

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227669

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	386.7		mg/Kg		97	80 - 130	9	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*88*		*60 - 138*

Lab Sample ID: 570-92602-D-21-C MS
Matrix: Solid
Analysis Batch: 227783

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227669

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		396	386.1		mg/Kg		98	43 - 165		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*89*		*60 - 138*

Lab Sample ID: 570-92602-D-21-D MSD
Matrix: Solid
Analysis Batch: 227783

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227669

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		394	400.5		mg/Kg		102	43 - 165	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*60 - 138*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-227672/1-A
Matrix: Solid
Analysis Batch: 228186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
4,4'-DDE	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
4,4'-DDT	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 570-227672/1-A
Matrix: Solid
Analysis Batch: 228186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
alpha-BHC	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
alpha-Chlordane	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
beta-BHC	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
Chlordane	ND		25		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
delta-BHC	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
Dieldrin	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
Endosulfan I	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
Endosulfan II	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
Endosulfan sulfate	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
Endrin	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
Endrin aldehyde	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
Endrin ketone	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
gamma-Chlordane	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
gamma-BHC	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
Heptachlor	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
Heptachlor epoxide	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
Methoxychlor	ND		5.0		ug/Kg		04/19/22 11:30	04/21/22 08:47	1
Toxaphene	ND		25		ug/Kg		04/19/22 11:30	04/21/22 08:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*82*		*38 - 148*	*04/19/22 11:30*	*04/21/22 08:47*	*1*
DCB Decachlorobiphenyl (Surr)	*88*		*37 - 151*	*04/19/22 11:30*	*04/21/22 08:47*	*1*

Lab Sample ID: LCS 570-227672/2-A
Matrix: Solid
Analysis Batch: 228186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	25.0	26.62		ug/Kg		106	54 - 154
4,4'-DDE	25.0	24.42		ug/Kg		98	51 - 149
4,4'-DDT	25.0	20.92		ug/Kg		84	39 - 152
Aldrin	25.0	22.05		ug/Kg		88	52 - 138
alpha-BHC	25.0	23.10		ug/Kg		92	51 - 140
alpha-Chlordane	25.0	22.72		ug/Kg		91	53 - 141
beta-BHC	25.0	22.50		ug/Kg		90	53 - 141
delta-BHC	25.0	23.08		ug/Kg		92	20 - 132
Dieldrin	25.0	22.98		ug/Kg		92	52 - 144
Endosulfan I	25.0	22.80		ug/Kg		91	49 - 139
Endosulfan II	25.0	23.15		ug/Kg		93	51 - 150
Endosulfan sulfate	25.0	23.21		ug/Kg		93	45 - 139
Endrin	25.0	22.42		ug/Kg		90	53 - 151
Endrin aldehyde	25.0	23.16		ug/Kg		93	31 - 146
gamma-Chlordane	25.0	22.40		ug/Kg		90	46 - 156
gamma-BHC	25.0	23.78		ug/Kg		95	53 - 141
Heptachlor	25.0	23.01		ug/Kg		92	52 - 144
Heptachlor epoxide	25.0	22.58		ug/Kg		90	54 - 141
Methoxychlor	25.0	21.12		ug/Kg		84	47 - 148

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-227672/2-A
Matrix: Solid
Analysis Batch: 228186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227672

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*87*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*87*		*37 - 151*

Lab Sample ID: LCSD 570-227672/3-A
Matrix: Solid
Analysis Batch: 228186

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227672

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			25.0	28.02		ug/Kg		112	54 - 154	5	30
4,4'-DDE			25.0	25.25		ug/Kg		101	51 - 149	3	28
4,4'-DDT			25.0	20.49		ug/Kg		82	39 - 152	2	31
Aldrin			25.0	22.78		ug/Kg		91	52 - 138	3	30
alpha-BHC			25.0	23.86		ug/Kg		95	51 - 140	3	29
alpha-Chlordane			25.0	23.53		ug/Kg		94	53 - 141	3	28
beta-BHC			25.0	23.23		ug/Kg		93	53 - 141	3	29
delta-BHC			25.0	23.82		ug/Kg		95	20 - 132	3	40
Dieldrin			25.0	23.66		ug/Kg		95	52 - 144	3	28
Endosulfan I			25.0	23.71		ug/Kg		95	49 - 139	4	28
Endosulfan II			25.0	23.92		ug/Kg		96	51 - 150	3	29
Endosulfan sulfate			25.0	23.81		ug/Kg		95	45 - 139	3	30
Endrin			25.0	23.12		ug/Kg		92	53 - 151	3	29
Endrin aldehyde			25.0	24.13		ug/Kg		97	31 - 146	4	40
gamma-Chlordane			25.0	23.39		ug/Kg		94	46 - 156	4	39
gamma-BHC			25.0	24.45		ug/Kg		98	53 - 141	3	29
Heptachlor			25.0	23.76		ug/Kg		95	52 - 144	3	29
Heptachlor epoxide			25.0	23.23		ug/Kg		93	54 - 141	3	29
Methoxychlor			25.0	20.71		ug/Kg		83	47 - 148	2	29

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*90*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*89*		*37 - 151*

Lab Sample ID: 570-92671-13 MS
Matrix: Solid
Analysis Batch: 228186

Client Sample ID: B-9-1
Prep Type: Total/NA
Prep Batch: 227672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	ND		25.0	34.97		ug/Kg		140	27 - 144
4,4'-DDE	ND		25.0	25.49		ug/Kg		102	28 - 141
4,4'-DDT	ND		25.0	ND		ug/Kg		14	10 - 154
Aldrin	ND		25.0	22.91		ug/Kg		92	26 - 125
alpha-BHC	ND		25.0	23.99		ug/Kg		96	24 - 125
alpha-Chlordane	ND		25.0	23.37		ug/Kg		93	17 - 144
beta-BHC	ND		25.0	21.22		ug/Kg		85	28 - 125
delta-BHC	ND		25.0	23.78		ug/Kg		95	10 - 125
Dieldrin	ND		25.0	24.24		ug/Kg		97	19 - 145
Endosulfan I	ND		25.0	23.36		ug/Kg		93	25 - 125
Endosulfan II	ND		25.0	27.64		ug/Kg		111	13 - 142

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 570-92671-13 MS
Matrix: Solid
Analysis Batch: 228186

Client Sample ID: B-9-1
Prep Type: Total/NA
Prep Batch: 227672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endosulfan sulfate	ND		25.0	22.61		ug/Kg		90	14 - 126
Endrin	ND		25.0	21.64		ug/Kg		87	28 - 139
Endrin aldehyde	ND		25.0	23.42		ug/Kg		94	12 - 125
gamma-Chlordane	ND		25.0	23.67		ug/Kg		95	10 - 160
gamma-BHC	ND		25.0	21.17		ug/Kg		85	24 - 125
Heptachlor	ND		25.0	15.47		ug/Kg		62	19 - 127
Heptachlor epoxide	ND		25.0	22.80		ug/Kg		91	33 - 123
Methoxychlor	ND		25.0	9.232		ug/Kg		37	19 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*89*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*89*		*37 - 151*

Lab Sample ID: 570-92671-13 MSD
Matrix: Solid
Analysis Batch: 228186

Client Sample ID: B-9-1
Prep Type: Total/NA
Prep Batch: 227672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	ND		25.0	35.61		ug/Kg		142	27 - 144	2	40
4,4'-DDE	ND		25.0	25.71		ug/Kg		103	28 - 141	1	32
4,4'-DDT	ND		25.0	ND		ug/Kg		15	10 - 154	10	40
Aldrin	ND		25.0	23.05		ug/Kg		92	26 - 125	1	40
alpha-BHC	ND		25.0	24.17		ug/Kg		97	24 - 125	1	40
alpha-Chlordane	ND		25.0	23.60		ug/Kg		94	17 - 144	1	40
beta-BHC	ND		25.0	21.66		ug/Kg		87	28 - 125	2	39
delta-BHC	ND		25.0	23.93		ug/Kg		96	10 - 125	1	40
Dieldrin	ND		25.0	24.38		ug/Kg		97	19 - 145	1	39
Endosulfan I	ND		25.0	23.56		ug/Kg		94	25 - 125	1	39
Endosulfan II	ND		25.0	27.49		ug/Kg		110	13 - 142	1	40
Endosulfan sulfate	ND		25.0	22.89		ug/Kg		92	14 - 126	1	38
Endrin	ND		25.0	22.05		ug/Kg		88	28 - 139	2	40
Endrin aldehyde	ND		25.0	23.51		ug/Kg		94	12 - 125	0	40
gamma-Chlordane	ND		25.0	23.78		ug/Kg		95	10 - 160	0	40
gamma-BHC	ND		25.0	21.78		ug/Kg		87	24 - 125	3	40
Heptachlor	ND		25.0	16.37		ug/Kg		65	19 - 127	6	40
Heptachlor epoxide	ND		25.0	22.75		ug/Kg		91	33 - 123	0	34
Methoxychlor	ND		25.0	8.996		ug/Kg		36	19 - 128	3	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*89*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*87*		*37 - 151*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-227665/1-A
Matrix: Solid
Analysis Batch: 227908

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227665

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/19/22 11:01	04/20/22 11:28	1
Aroclor-1221	ND		50		ug/Kg		04/19/22 11:01	04/20/22 11:28	1
Aroclor-1232	ND		50		ug/Kg		04/19/22 11:01	04/20/22 11:28	1
Aroclor-1242	ND		50		ug/Kg		04/19/22 11:01	04/20/22 11:28	1
Aroclor-1248	ND		50		ug/Kg		04/19/22 11:01	04/20/22 11:28	1
Aroclor-1254	ND		50		ug/Kg		04/19/22 11:01	04/20/22 11:28	1
Aroclor-1260	ND		50		ug/Kg		04/19/22 11:01	04/20/22 11:28	1
Aroclor-1262	ND		50		ug/Kg		04/19/22 11:01	04/20/22 11:28	1
Aroclor-1268	ND		50		ug/Kg		04/19/22 11:01	04/20/22 11:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*88*		*25 - 126*	*04/19/22 11:01*	*04/20/22 11:28*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*20 - 155*	*04/19/22 11:01*	*04/20/22 11:28*	*1*

Lab Sample ID: LCS 570-227665/2-A
Matrix: Solid
Analysis Batch: 227908

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227665

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			100	83.12		ug/Kg		83	50 - 142		
Aroclor-1260			100	83.09		ug/Kg		83	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*86*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*71*		*20 - 155*

Lab Sample ID: LCSD 570-227665/3-A
Matrix: Solid
Analysis Batch: 227908

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227665

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016			100	89.46		ug/Kg		89	50 - 142	7	30
Aroclor-1260			100	80.73		ug/Kg		81	50 - 150	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*91*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*73*		*20 - 155*

Lab Sample ID: 570-92916-A-1-A MS
Matrix: Solid
Analysis Batch: 227908

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227665

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016	ND		100	68.39		ug/Kg		68	20 - 175		
Aroclor-1260	ND		100	59.32		ug/Kg		59	20 - 180		

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 570-92916-A-1-A MS
Matrix: Solid
Analysis Batch: 227908

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227665

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*65*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*63*		*20 - 155*

Lab Sample ID: 570-92916-A-1-B MSD
Matrix: Solid
Analysis Batch: 227908

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227665

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		100	62.21		ug/Kg		62	20 - 175	9	40
Aroclor-1260	ND		100	52.62		ug/Kg		53	20 - 180	12	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*57*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*54*		*20 - 155*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-671140/1-A ^5
Matrix: Solid
Analysis Batch: 671361

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 671140

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.508		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Antimony	ND		10.2		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Beryllium	ND		0.508		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Barium	ND		3.05		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Thallium	ND		10.2		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Molybdenum	ND		2.03		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Nickel	ND		2.03		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Vanadium	ND		1.02		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Silver	ND		1.52		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Arsenic	ND		3.05		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Copper	ND		2.03		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Lead	ND		2.03		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Zinc	ND		5.08		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Selenium	ND		3.05		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Chromium	ND		1.02		mg/Kg		04/16/22 14:42	04/20/22 18:40	5
Cobalt	ND		1.02		mg/Kg		04/16/22 14:42	04/20/22 18:40	5

Lab Sample ID: LCS 440-671140/2-A ^5
Matrix: Solid
Analysis Batch: 671361

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 671140

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	49.3	44.56		mg/Kg		90	80 - 120
Antimony	49.3	46.65		mg/Kg		95	80 - 120
Beryllium	49.3	44.10		mg/Kg		90	80 - 120
Barium	49.3	44.17		mg/Kg		90	80 - 120
Thallium	49.3	44.38		mg/Kg		90	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 440-671140/2-A ^5
Matrix: Solid
Analysis Batch: 671361

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 671140

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Molybdenum	49.3	44.13		mg/Kg		90	80 - 120
Nickel	49.3	45.64		mg/Kg		93	80 - 120
Vanadium	49.3	44.08		mg/Kg		89	80 - 120
Silver	24.6	21.98		mg/Kg		89	80 - 120
Arsenic	49.3	45.83		mg/Kg		93	80 - 120
Copper	49.3	45.14		mg/Kg		92	80 - 120
Lead	49.3	45.04		mg/Kg		91	80 - 120
Zinc	49.3	45.04		mg/Kg		91	80 - 120
Selenium	49.3	43.44		mg/Kg		88	80 - 120
Chromium	49.3	44.62		mg/Kg		91	80 - 120
Cobalt	49.3	44.98		mg/Kg		91	80 - 120

Lab Sample ID: 570-92543-A-1-C MS ^5
Matrix: Solid
Analysis Batch: 671361

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 671140

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.899		50.5	49.22		mg/Kg		96	75 - 125
Antimony	ND		50.5	53.96		mg/Kg		89	75 - 125
Beryllium	ND		50.5	49.03		mg/Kg		97	75 - 125
Barium	48.3		50.5	99.86		mg/Kg		102	75 - 125
Thallium	ND		50.5	46.99		mg/Kg		93	75 - 125
Molybdenum	ND		50.5	50.54		mg/Kg		98	75 - 125
Nickel	4.19		50.5	53.95		mg/Kg		99	75 - 125
Vanadium	3.25		50.5	52.69		mg/Kg		98	75 - 125
Silver	ND		25.3	20.61		mg/Kg		82	75 - 125
Arsenic	ND		50.5	50.24		mg/Kg		99	75 - 125
Copper	76.9		50.5	135.9		mg/Kg		117	75 - 125
Lead	11.0		50.5	61.50		mg/Kg		100	75 - 125
Zinc	135		50.5	191.9		mg/Kg		112	75 - 125
Selenium	4.51		50.5	50.78		mg/Kg		92	75 - 125
Chromium	7.18		50.5	57.42		mg/Kg		99	75 - 125
Cobalt	ND		50.5	50.16		mg/Kg		98	75 - 125

Lab Sample ID: 570-92543-A-1-D MSD ^5
Matrix: Solid
Analysis Batch: 671361

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 671140

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	0.899		50.3	47.75		mg/Kg		93	75 - 125	3	20
Antimony	ND		50.3	52.98		mg/Kg		87	75 - 125	2	20
Beryllium	ND		50.3	47.53		mg/Kg		95	75 - 125	3	20
Barium	48.3		50.3	97.06		mg/Kg		97	75 - 125	3	20
Thallium	ND		50.3	45.38		mg/Kg		90	75 - 125	4	20
Molybdenum	ND		50.3	49.77		mg/Kg		97	75 - 125	2	20
Nickel	4.19		50.3	52.49		mg/Kg		96	75 - 125	3	20
Vanadium	3.25		50.3	50.99		mg/Kg		95	75 - 125	3	20
Silver	ND		25.1	19.82		mg/Kg		79	75 - 125	4	20
Arsenic	ND		50.3	48.13		mg/Kg		96	75 - 125	4	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-92543-A-1-D MSD ^5
Matrix: Solid
Analysis Batch: 671361

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 671140

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	76.9		50.3	131.8		mg/Kg		109	75 - 125	3	20
Lead	11.0		50.3	58.81		mg/Kg		95	75 - 125	4	20
Zinc	135		50.3	187.8		mg/Kg		105	75 - 125	2	20
Selenium	4.51		50.3	49.46		mg/Kg		89	75 - 125	3	20
Chromium	7.18		50.3	55.52		mg/Kg		96	75 - 125	3	20
Cobalt	ND		50.3	48.10		mg/Kg		95	75 - 125	4	20

Lab Sample ID: MB 440-671207/1-A ^5
Matrix: Solid
Analysis Batch: 671340

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 671207

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.495		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Antimony	ND		9.90		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Beryllium	ND		0.495		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Barium	ND		2.97		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Thallium	ND		9.90		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Molybdenum	ND		1.98		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Nickel	ND		1.98		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Vanadium	ND		0.990		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Silver	ND		1.49		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Arsenic	ND		2.97		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Copper	ND		1.98		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Lead	ND		1.98		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Zinc	ND		4.95		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Selenium	ND		2.97		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Chromium	ND		0.990		mg/Kg		04/18/22 18:47	04/20/22 11:03	5
Cobalt	ND		0.990		mg/Kg		04/18/22 18:47	04/20/22 11:03	5

Lab Sample ID: LCS 440-671207/2-A ^5
Matrix: Solid
Analysis Batch: 671340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 671207

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	51.0	44.25		mg/Kg		87	80 - 120
Antimony	51.0	52.61		mg/Kg		103	80 - 120
Beryllium	51.0	45.94		mg/Kg		90	80 - 120
Barium	51.0	45.74		mg/Kg		90	80 - 120
Thallium	51.0	44.78		mg/Kg		88	80 - 120
Molybdenum	51.0	48.10		mg/Kg		94	80 - 120
Nickel	51.0	45.96		mg/Kg		90	80 - 120
Vanadium	51.0	45.05		mg/Kg		88	80 - 120
Silver	25.5	22.98		mg/Kg		90	80 - 120
Arsenic	51.0	44.71		mg/Kg		88	80 - 120
Copper	51.0	45.55		mg/Kg		89	80 - 120
Lead	51.0	45.57		mg/Kg		89	80 - 120
Zinc	51.0	45.80		mg/Kg		90	80 - 120
Selenium	51.0	44.64		mg/Kg		88	80 - 120
Chromium	51.0	46.38		mg/Kg		91	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 440-671207/2-A ^5
Matrix: Solid
Analysis Batch: 671340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 671207

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	51.0	45.48		mg/Kg		89	80 - 120

Lab Sample ID: 570-92539-A-1-F MS ^5
Matrix: Solid
Analysis Batch: 671340

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 671207

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	1.36	F1	49.8	29.29	F1	mg/Kg		56	75 - 125
Antimony	ND	F1	49.8	23.86	F1	mg/Kg		48	75 - 125
Beryllium	ND	F1	49.8	29.23	F1	mg/Kg		59	75 - 125
Barium	216		49.8	238.1	4	mg/Kg		45	75 - 125
Thallium	ND	F1	49.8	26.37	F1	mg/Kg		53	75 - 125
Molybdenum	3.81	F1	49.8	34.88	F1	mg/Kg		62	75 - 125
Nickel	7.66	F1	49.8	37.67	F1	mg/Kg		60	75 - 125
Vanadium	5.10	F1	49.8	35.16	F1	mg/Kg		60	75 - 125
Silver	5.12	F1	24.9	19.47	F1	mg/Kg		58	75 - 125
Arsenic	3.68	F1	49.8	33.03	F1	mg/Kg		59	75 - 125
Copper	219		49.8	279.1	4	mg/Kg		122	75 - 125
Lead	14.8	F1	49.8	45.07	F1	mg/Kg		61	75 - 125
Zinc	291		49.8	350.9	4	mg/Kg		120	75 - 125
Selenium	ND	F1	49.8	29.78	F1	mg/Kg		56	75 - 125
Chromium	10.9	F1	49.8	42.24	F1	mg/Kg		63	75 - 125
Cobalt	ND	F1	49.8	29.84	F1	mg/Kg		58	75 - 125

Lab Sample ID: 570-92539-A-1-G MSD ^5
Matrix: Solid
Analysis Batch: 671340

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 671207

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	1.36	F1	49.5	30.27	F1	mg/Kg		58	75 - 125	3	20
Antimony	ND	F1	49.5	24.60	F1	mg/Kg		50	75 - 125	3	20
Beryllium	ND	F1	49.5	30.26	F1	mg/Kg		61	75 - 125	3	20
Barium	216		49.5	254.5	4	mg/Kg		78	75 - 125	7	20
Thallium	ND	F1	49.5	27.25	F1	mg/Kg		55	75 - 125	3	20
Molybdenum	3.81	F1	49.5	35.43	F1	mg/Kg		64	75 - 125	2	20
Nickel	7.66	F1	49.5	38.90	F1	mg/Kg		63	75 - 125	3	20
Vanadium	5.10	F1	49.5	35.87	F1	mg/Kg		62	75 - 125	2	20
Silver	5.12	F1	24.8	19.89	F1	mg/Kg		60	75 - 125	2	20
Arsenic	3.68	F1	49.5	34.20	F1	mg/Kg		62	75 - 125	3	20
Copper	219		49.5	266.2	4	mg/Kg		96	75 - 125	5	20
Lead	14.8	F1	49.5	44.76	F1	mg/Kg		61	75 - 125	1	20
Zinc	291		49.5	331.6	4	mg/Kg		82	75 - 125	6	20
Selenium	ND	F1	49.5	31.71	F1	mg/Kg		60	75 - 125	6	20
Chromium	10.9	F1	49.5	43.60	F1	mg/Kg		66	75 - 125	3	20
Cobalt	ND	F1	49.5	31.00	F1	mg/Kg		61	75 - 125	4	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-227423/1-A
Matrix: Solid
Analysis Batch: 227498

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227423

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		04/18/22 14:11	04/18/22 16:38	1

Lab Sample ID: LCS 570-227423/2-A
Matrix: Solid
Analysis Batch: 227498

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227423

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.877	0.8997		mg/Kg		103	85 - 121

Lab Sample ID: LCSD 570-227423/3-A
Matrix: Solid
Analysis Batch: 227498

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227423

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.806	0.8178		mg/Kg		101	85 - 121	10	10

Lab Sample ID: 570-92748-A-1-B MS
Matrix: Solid
Analysis Batch: 227498

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227423

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.877	0.9525		mg/Kg		101	71 - 137

Lab Sample ID: 570-92748-A-1-C MSD
Matrix: Solid
Analysis Batch: 227498

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227423

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.820	0.8985		mg/Kg		101	71 - 137	6	14

Lab Sample ID: MB 570-227685/1-A
Matrix: Solid
Analysis Batch: 227814

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227685

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794		mg/Kg		04/19/22 12:29	04/19/22 18:12	1

Lab Sample ID: LCS 570-227685/2-A
Matrix: Solid
Analysis Batch: 227814

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227685

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.794	0.8214		mg/Kg		103	85 - 121

Lab Sample ID: LCSD 570-227685/3-A
Matrix: Solid
Analysis Batch: 227814

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227685

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.847	0.8909		mg/Kg		105	85 - 121	8	10

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: 570-92884-A-1-D MS
Matrix: Solid
Analysis Batch: 227814

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227685

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.820	0.8433		mg/Kg		103	71 - 137

Lab Sample ID: 570-92884-A-1-E MSD
Matrix: Solid
Analysis Batch: 227814

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227685

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.862	0.8893		mg/Kg		103	71 - 137	5	14

GC/MS VOA

Prep Batch: 227196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-1	B-4-1	Total/NA	Solid	5035	
570-92671-2	B-4-3	Total/NA	Solid	5035	
570-92671-3	B-3-1	Total/NA	Solid	5035	
570-92671-4	B-3-3	Total/NA	Solid	5035	
570-92671-5	B-3-8	Total/NA	Solid	5035	
570-92671-6	B-2-1	Total/NA	Solid	5035	
570-92671-7	B-2-3	Total/NA	Solid	5035	
570-92671-8	B-2-7	Total/NA	Solid	5035	
570-92671-9	B-1-1	Total/NA	Solid	5035	
570-92671-10	B-1-7	Total/NA	Solid	5035	
570-92671-11	B-1-7-D	Total/NA	Solid	5035	
570-92671-12	B-1-10	Total/NA	Solid	5035	
570-92671-13	B-9-1	Total/NA	Solid	5035	

Analysis Batch: 227414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-1	B-4-1	Total/NA	Solid	8260B	227196
570-92671-2	B-4-3	Total/NA	Solid	8260B	227196
570-92671-3	B-3-1	Total/NA	Solid	8260B	227196
570-92671-4	B-3-3	Total/NA	Solid	8260B	227196
570-92671-5	B-3-8	Total/NA	Solid	8260B	227196
MB 570-227414/10	Method Blank	Total/NA	Solid	8260B	
LCS 570-227414/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-227414/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 227596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-6	B-2-1	Total/NA	Solid	8260B	227196
570-92671-7	B-2-3	Total/NA	Solid	8260B	227196
570-92671-8	B-2-7	Total/NA	Solid	8260B	227196
570-92671-9	B-1-1	Total/NA	Solid	8260B	227196
570-92671-10	B-1-7	Total/NA	Solid	8260B	227196
570-92671-11	B-1-7-D	Total/NA	Solid	8260B	227196
570-92671-12	B-1-10	Total/NA	Solid	8260B	227196
570-92671-13	B-9-1	Total/NA	Solid	8260B	227196
MB 570-227596/5	Method Blank	Total/NA	Solid	8260B	
LCS 570-227596/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-227596/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC Semi VOA

Prep Batch: 227665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-1	B-4-1	Total/NA	Solid	3546	
570-92671-2	B-4-3	Total/NA	Solid	3546	
570-92671-3	B-3-1	Total/NA	Solid	3546	
570-92671-4	B-3-3	Total/NA	Solid	3546	
570-92671-5	B-3-8	Total/NA	Solid	3546	
570-92671-6	B-2-1	Total/NA	Solid	3546	
570-92671-7	B-2-3	Total/NA	Solid	3546	
570-92671-8	B-2-7	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 227665 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-9	B-1-1	Total/NA	Solid	3546	
570-92671-10	B-1-7	Total/NA	Solid	3546	
570-92671-11	B-1-7-D	Total/NA	Solid	3546	
570-92671-12	B-1-10	Total/NA	Solid	3546	
MB 570-227665/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-227665/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-227665/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-92916-A-1-A MS	Matrix Spike	Total/NA	Solid	3546	
570-92916-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 227669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-1	B-4-1	Total/NA	Solid	3550C	
570-92671-2	B-4-3	Total/NA	Solid	3550C	
570-92671-3	B-3-1	Total/NA	Solid	3550C	
570-92671-4	B-3-3	Total/NA	Solid	3550C	
570-92671-5	B-3-8	Total/NA	Solid	3550C	
570-92671-6	B-2-1	Total/NA	Solid	3550C	
570-92671-7	B-2-3	Total/NA	Solid	3550C	
570-92671-8	B-2-7	Total/NA	Solid	3550C	
570-92671-9	B-1-1	Total/NA	Solid	3550C	
570-92671-10	B-1-7	Total/NA	Solid	3550C	
570-92671-11	B-1-7-D	Total/NA	Solid	3550C	
570-92671-12	B-1-10	Total/NA	Solid	3550C	
570-92671-13	B-9-1	Total/NA	Solid	3550C	
MB 570-227669/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-227669/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-227669/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-92602-D-21-C MS	Matrix Spike	Total/NA	Solid	3550C	
570-92602-D-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

Prep Batch: 227672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-13	B-9-1	Total/NA	Solid	3546	
MB 570-227672/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-227672/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-227672/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-92671-13 MS	B-9-1	Total/NA	Solid	3546	
570-92671-13 MSD	B-9-1	Total/NA	Solid	3546	

Analysis Batch: 227783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-1	B-4-1	Total/NA	Solid	8015B	227669
570-92671-2	B-4-3	Total/NA	Solid	8015B	227669
570-92671-3	B-3-1	Total/NA	Solid	8015B	227669
570-92671-4	B-3-3	Total/NA	Solid	8015B	227669
570-92671-5	B-3-8	Total/NA	Solid	8015B	227669
570-92671-6	B-2-1	Total/NA	Solid	8015B	227669
570-92671-7	B-2-3	Total/NA	Solid	8015B	227669
570-92671-8	B-2-7	Total/NA	Solid	8015B	227669
570-92671-9	B-1-1	Total/NA	Solid	8015B	227669

GC Semi VOA (Continued)

Analysis Batch: 227783 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-10	B-1-7	Total/NA	Solid	8015B	227669
570-92671-11	B-1-7-D	Total/NA	Solid	8015B	227669
570-92671-12	B-1-10	Total/NA	Solid	8015B	227669
570-92671-13	B-9-1	Total/NA	Solid	8015B	227669
MB 570-227669/1-A	Method Blank	Total/NA	Solid	8015B	227669
LCS 570-227669/2-A	Lab Control Sample	Total/NA	Solid	8015B	227669
LCSD 570-227669/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	227669
570-92602-D-21-C MS	Matrix Spike	Total/NA	Solid	8015B	227669
570-92602-D-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	227669

Analysis Batch: 227908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-227665/1-A	Method Blank	Total/NA	Solid	8082	227665
LCS 570-227665/2-A	Lab Control Sample	Total/NA	Solid	8082	227665
LCSD 570-227665/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	227665
570-92916-A-1-A MS	Matrix Spike	Total/NA	Solid	8082	227665
570-92916-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8082	227665

Analysis Batch: 228186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-13	B-9-1	Total/NA	Solid	8081A	227672
MB 570-227672/1-A	Method Blank	Total/NA	Solid	8081A	227672
LCS 570-227672/2-A	Lab Control Sample	Total/NA	Solid	8081A	227672
LCSD 570-227672/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	227672
570-92671-13 MS	B-9-1	Total/NA	Solid	8081A	227672
570-92671-13 MSD	B-9-1	Total/NA	Solid	8081A	227672

Analysis Batch: 228188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-1	B-4-1	Total/NA	Solid	8082	227665
570-92671-2	B-4-3	Total/NA	Solid	8082	227665
570-92671-3	B-3-1	Total/NA	Solid	8082	227665
570-92671-4	B-3-3	Total/NA	Solid	8082	227665
570-92671-5	B-3-8	Total/NA	Solid	8082	227665
570-92671-6	B-2-1	Total/NA	Solid	8082	227665
570-92671-7	B-2-3	Total/NA	Solid	8082	227665
570-92671-8	B-2-7	Total/NA	Solid	8082	227665
570-92671-9	B-1-1	Total/NA	Solid	8082	227665
570-92671-10	B-1-7	Total/NA	Solid	8082	227665
570-92671-11	B-1-7-D	Total/NA	Solid	8082	227665
570-92671-12	B-1-10	Total/NA	Solid	8082	227665

Metals

Prep Batch: 227423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-1	B-4-1	Total/NA	Solid	7471A	
570-92671-2	B-4-3	Total/NA	Solid	7471A	
570-92671-3	B-3-1	Total/NA	Solid	7471A	
570-92671-4	B-3-3	Total/NA	Solid	7471A	
570-92671-5	B-3-8	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 227423 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-6	B-2-1	Total/NA	Solid	7471A	
570-92671-7	B-2-3	Total/NA	Solid	7471A	
570-92671-8	B-2-7	Total/NA	Solid	7471A	
570-92671-9	B-1-1	Total/NA	Solid	7471A	
570-92671-10	B-1-7	Total/NA	Solid	7471A	
MB 570-227423/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-227423/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-227423/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-92748-A-1-B MS	Matrix Spike	Total/NA	Solid	7471A	
570-92748-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Analysis Batch: 227498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-1	B-4-1	Total/NA	Solid	7471A	227423
570-92671-2	B-4-3	Total/NA	Solid	7471A	227423
570-92671-3	B-3-1	Total/NA	Solid	7471A	227423
570-92671-4	B-3-3	Total/NA	Solid	7471A	227423
570-92671-5	B-3-8	Total/NA	Solid	7471A	227423
570-92671-6	B-2-1	Total/NA	Solid	7471A	227423
570-92671-7	B-2-3	Total/NA	Solid	7471A	227423
570-92671-8	B-2-7	Total/NA	Solid	7471A	227423
570-92671-9	B-1-1	Total/NA	Solid	7471A	227423
570-92671-10	B-1-7	Total/NA	Solid	7471A	227423
MB 570-227423/1-A	Method Blank	Total/NA	Solid	7471A	227423
LCS 570-227423/2-A	Lab Control Sample	Total/NA	Solid	7471A	227423
LCSD 570-227423/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	227423
570-92748-A-1-B MS	Matrix Spike	Total/NA	Solid	7471A	227423
570-92748-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	227423

Prep Batch: 227685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-11	B-1-7-D	Total/NA	Solid	7471A	
570-92671-12	B-1-10	Total/NA	Solid	7471A	
570-92671-13	B-9-1	Total/NA	Solid	7471A	
MB 570-227685/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-227685/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-227685/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-92884-A-1-D MS	Matrix Spike	Total/NA	Solid	7471A	
570-92884-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Analysis Batch: 227814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-11	B-1-7-D	Total/NA	Solid	7471A	227685
570-92671-12	B-1-10	Total/NA	Solid	7471A	227685
570-92671-13	B-9-1	Total/NA	Solid	7471A	227685
MB 570-227685/1-A	Method Blank	Total/NA	Solid	7471A	227685
LCS 570-227685/2-A	Lab Control Sample	Total/NA	Solid	7471A	227685
LCSD 570-227685/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	227685
570-92884-A-1-D MS	Matrix Spike	Total/NA	Solid	7471A	227685
570-92884-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	227685

Metals

Prep Batch: 671140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-2	B-4-3	Total/NA	Solid	3050B	
570-92671-3	B-3-1	Total/NA	Solid	3050B	
570-92671-4	B-3-3	Total/NA	Solid	3050B	
570-92671-5	B-3-8	Total/NA	Solid	3050B	
570-92671-6	B-2-1	Total/NA	Solid	3050B	
570-92671-7	B-2-3	Total/NA	Solid	3050B	
570-92671-8	B-2-7	Total/NA	Solid	3050B	
570-92671-9	B-1-1	Total/NA	Solid	3050B	
570-92671-10	B-1-7	Total/NA	Solid	3050B	
570-92671-11	B-1-7-D	Total/NA	Solid	3050B	
570-92671-12	B-1-10	Total/NA	Solid	3050B	
570-92671-13	B-9-1	Total/NA	Solid	3050B	
MB 440-671140/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-671140/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
570-92543-A-1-C MS ^5	Matrix Spike	Total/NA	Solid	3050B	
570-92543-A-1-D MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Prep Batch: 671207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-1	B-4-1	Total/NA	Solid	3050B	
MB 440-671207/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-671207/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
570-92539-A-1-F MS ^5	Matrix Spike	Total/NA	Solid	3050B	
570-92539-A-1-G MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 671340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-1	B-4-1	Total/NA	Solid	6010B	671207
MB 440-671207/1-A ^5	Method Blank	Total/NA	Solid	6010B	671207
LCS 440-671207/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	671207
570-92539-A-1-F MS ^5	Matrix Spike	Total/NA	Solid	6010B	671207
570-92539-A-1-G MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	671207

Analysis Batch: 671361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92671-2	B-4-3	Total/NA	Solid	6010B	671140
570-92671-3	B-3-1	Total/NA	Solid	6010B	671140
570-92671-4	B-3-3	Total/NA	Solid	6010B	671140
570-92671-5	B-3-8	Total/NA	Solid	6010B	671140
570-92671-6	B-2-1	Total/NA	Solid	6010B	671140
570-92671-7	B-2-3	Total/NA	Solid	6010B	671140
570-92671-8	B-2-7	Total/NA	Solid	6010B	671140
570-92671-9	B-1-1	Total/NA	Solid	6010B	671140
570-92671-10	B-1-7	Total/NA	Solid	6010B	671140
570-92671-11	B-1-7-D	Total/NA	Solid	6010B	671140
570-92671-12	B-1-10	Total/NA	Solid	6010B	671140
570-92671-13	B-9-1	Total/NA	Solid	6010B	671140
MB 440-671140/1-A ^5	Method Blank	Total/NA	Solid	6010B	671140
LCS 440-671140/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	671140
570-92543-A-1-C MS ^5	Matrix Spike	Total/NA	Solid	6010B	671140
570-92543-A-1-D MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	671140

Lab Chronicle

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Client Sample ID: B-4-1

Date Collected: 04/14/22 08:25
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2.439 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227414	04/18/22 17:55	N1A	ECL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3550C			10.14 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227783	04/20/22 16:24	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			20.01 g	10 mL	227665	04/19/22 16:52	SP9M	ECL 4
Total/NA	Analysis	8082		1			228188	04/21/22 09:17	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			1.97 g	50 mL	671207	04/18/22 18:47	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671340	04/20/22 11:51	VZ0K	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			0.59 g	100 mL	227423	04/18/22 14:11	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227498	04/18/22 17:00	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-4-3

Date Collected: 04/14/22 08:33
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.069 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227414	04/18/22 18:21	N1A	ECL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3550C			10.16 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227783	04/20/22 02:53	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			19.98 g	10 mL	227665	04/19/22 16:52	SP9M	ECL 4
Total/NA	Analysis	8082		1			228188	04/21/22 09:36	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.01 g	50 mL	671140	04/16/22 14:42	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671361	04/20/22 18:59	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.58 g	100 mL	227423	04/18/22 14:11	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227498	04/18/22 17:02	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-3-1

Date Collected: 04/14/22 10:36
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.787 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227414	04/18/22 18:46	N1A	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: B-3-1

Date Collected: 04/14/22 10:36
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.12 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		10			227783	04/20/22 03:18	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			19.99 g	10 mL	227665	04/19/22 16:52	SP9M	ECL 4
Total/NA	Analysis	8082		1			228188	04/21/22 09:55	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			1.97 g	50 mL	671140	04/16/22 14:42	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671361	04/20/22 19:01	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.60 g	100 mL	227423	04/18/22 14:11	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227498	04/18/22 17:04	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-3-3

Date Collected: 04/14/22 10:42
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.675 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227414	04/18/22 19:12	N1A	ECL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3550C			10.15 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		10			227783	04/20/22 03:44	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			20.01 g	10 mL	227665	04/19/22 16:52	SP9M	ECL 4
Total/NA	Analysis	8082		1			228188	04/21/22 10:14	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			1.99 g	50 mL	671140	04/16/22 14:42	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671361	04/20/22 19:14	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.57 g	100 mL	227423	04/18/22 14:11	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227498	04/18/22 17:06	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-3-8

Date Collected: 04/14/22 10:53
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.691 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227414	04/18/22 19:38	N1A	ECL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3550C			10.17 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227783	04/20/22 04:09	N1A	ECL 4
	Instrument ID: GC69A									

Client Sample ID: B-3-8

Lab Sample ID: 570-92671-5

Date Collected: 04/14/22 10:53

Matrix: Solid

Date Received: 04/14/22 17:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.99 g	10 mL	227665	04/19/22 16:52	SP9M	ECL 4
Total/NA	Analysis	8082		1			228188	04/21/22 10:33	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			1.98 g	50 mL	671140	04/16/22 14:42	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671361	04/20/22 19:16	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.63 g	100 mL	227423	04/18/22 14:11	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227498	04/18/22 17:07	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-2-1

Lab Sample ID: 570-92671-6

Date Collected: 04/14/22 11:58

Matrix: Solid

Date Received: 04/14/22 17:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.101 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227596	04/19/22 13:16	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.13 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227783	04/20/22 16:49	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			20.01 g	10 mL	227665	04/19/22 16:52	SP9M	ECL 4
Total/NA	Analysis	8082		1			228188	04/21/22 10:52	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.00 g	50 mL	671140	04/16/22 14:42	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671361	04/20/22 19:19	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.60 g	100 mL	227423	04/18/22 14:11	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227498	04/18/22 17:09	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-2-3

Lab Sample ID: 570-92671-7

Date Collected: 04/14/22 12:05

Matrix: Solid

Date Received: 04/14/22 17:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.155 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227596	04/19/22 13:36	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.05 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		10			227783	04/20/22 05:25	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			19.98 g	10 mL	227665	04/19/22 16:52	SP9M	ECL 4
Total/NA	Analysis	8082		1			228188	04/21/22 11:10	UHHN	ECL 4
	Instrument ID: GC64A									

Client Sample ID: B-2-3

Date Collected: 04/14/22 12:05
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.98 g	50 mL	671140	04/16/22 14:42	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671361	04/20/22 19:21	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.57 g	100 mL	227423	04/18/22 14:11	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227498	04/18/22 17:11	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-2-7

Date Collected: 04/14/22 12:17
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.45 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227596	04/19/22 13:57	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.08 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227783	04/20/22 05:51	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			20.09 g	10 mL	227665	04/19/22 16:52	SP9M	ECL 4
Total/NA	Analysis	8082		1			228188	04/21/22 11:29	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			1.98 g	50 mL	671140	04/16/22 14:42	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671361	04/20/22 19:23	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.61 g	100 mL	227423	04/18/22 14:11	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227498	04/18/22 17:13	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-1-1

Date Collected: 04/14/22 13:10
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.43 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227596	04/19/22 14:18	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.06 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		10			227783	04/20/22 06:16	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			20.07 g	10 mL	227665	04/19/22 16:52	SP9M	ECL 4
Total/NA	Analysis	8082		1			228188	04/21/22 11:48	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.04 g	50 mL	671140	04/16/22 14:42	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671361	04/20/22 19:26	P1R	IRV 2
	Instrument ID: ICP8									

Client Sample ID: B-1-1

Date Collected: 04/14/22 13:10
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.62 g	100 mL	227423	04/18/22 14:11	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227498	04/18/22 17:15	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-1-7

Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.76 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227596	04/19/22 14:39	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.09 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227783	04/20/22 06:42	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			19.98 g	10 mL	227665	04/19/22 16:52	SP9M	ECL 4
Total/NA	Analysis	8082		1			228188	04/21/22 12:07	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			1.97 g	50 mL	671140	04/16/22 14:42	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671361	04/20/22 19:28	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.59 g	100 mL	227423	04/18/22 14:11	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227498	04/18/22 17:17	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-1-7-D

Date Collected: 04/14/22 13:23
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.21 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227596	04/19/22 15:00	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.13 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227783	04/20/22 07:07	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			19.97 g	10 mL	227665	04/19/22 16:52	SP9M	ECL 4
Total/NA	Analysis	8082		1			228188	04/21/22 12:26	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			1.96 g	50 mL	671140	04/16/22 14:42	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671361	04/20/22 19:31	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.60 g	100 mL	227685	04/19/22 12:29	VWJ7	ECL 4
Total/NA	Analysis	7471A		1			227814	04/19/22 18:26	VWJ7	ECL 4
	Instrument ID: HG8									

Lab Chronicle

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Client Sample ID: B-1-10

Date Collected: 04/14/22 13:35
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.77 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227596	04/19/22 15:20	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.11 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227783	04/20/22 07:33	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			19.93 g	10 mL	227665	04/19/22 16:52	SP9M	ECL 4
Total/NA	Analysis	8082		1			228188	04/21/22 12:45	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			1.96 g	50 mL	671140	04/16/22 14:42	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671361	04/20/22 19:33	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.59 g	100 mL	227685	04/19/22 12:29	VWJ7	ECL 4
Total/NA	Analysis	7471A		1			227814	04/19/22 18:28	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: B-9-1

Date Collected: 04/14/22 09:06
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92671-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.471 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227596	04/19/22 15:41	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.09 g	10 mL	227669	04/19/22 11:22	KG5J	ECL 4
Total/NA	Analysis	8015B		1			227783	04/20/22 07:58	N1A	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			19.97 g	10 mL	227672	04/19/22 11:30	SP9M	ECL 4
Total/NA	Analysis	8081A		1			228186	04/21/22 12:00	UHHN	ECL 4
	Instrument ID: GC52A									
Total/NA	Prep	3050B			2.03 g	50 mL	671140	04/16/22 14:42	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671361	04/20/22 19:35	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.57 g	100 mL	227685	04/19/22 12:29	VWJ7	ECL 4
Total/NA	Analysis	7471A		1			227814	04/19/22 18:34	VWJ7	ECL 4
	Instrument ID: HG8									

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

IRV 2 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Roux Associates, Inc.
Job ID: 570-92671-1
Project/Site: First Industrial-Ontario / 3661.0016L

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22
Oregon	NELAP	CA300001	01-31-23

Laboratory: Eurofins Calscience

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10256	06-30-22
California	State	2706	06-30-22
Kansas	NELAP	E-10420	07-31-22
Nevada	State	CA015312022-1	07-31-22
Washington	State	C900	09-03-22

Method Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 4
8081A	Organochlorine Pesticides (GC)	SW846	ECL 4
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 4
6010B	Metals (ICP)	SW846	IRV 2
7471A	Mercury (CVAA)	SW846	ECL 4
3050B	Preparation, Metals	SW846	IRV 2
3546	Microwave Extraction	SW846	ECL 4
3550C	Ultrasonic Extraction	SW846	ECL 4
5035	Closed System Purge and Trap	SW846	ECL 4
7471A	Preparation, Mercury	SW846	ECL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

IRV 2 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-92671-1	B-4-1	Solid	04/14/22 08:25	04/14/22 17:04
570-92671-2	B-4-3	Solid	04/14/22 08:33	04/14/22 17:04
570-92671-3	B-3-1	Solid	04/14/22 10:36	04/14/22 17:04
570-92671-4	B-3-3	Solid	04/14/22 10:42	04/14/22 17:04
570-92671-5	B-3-8	Solid	04/14/22 10:53	04/14/22 17:04
570-92671-6	B-2-1	Solid	04/14/22 11:58	04/14/22 17:04
570-92671-7	B-2-3	Solid	04/14/22 12:05	04/14/22 17:04
570-92671-8	B-2-7	Solid	04/14/22 12:17	04/14/22 17:04
570-92671-9	B-1-1	Solid	04/14/22 13:10	04/14/22 17:04
570-92671-10	B-1-7	Solid	04/14/22 13:23	04/14/22 17:04
570-92671-11	B-1-7-D	Solid	04/14/22 13:23	04/14/22 17:04
570-92671-12	B-1-10	Solid	04/14/22 13:35	04/14/22 17:04
570-92671-13	B-9-1	Solid	04/14/22 09:06	04/14/22 17:04

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7440 … [illegible]
For courier service / sample drop off information contact us26_sales@eurofinsus.com or call us

570-92671 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 4-14-2022
PAGE: 1 OF 2

LABORATORY CLIENT: Roux Associates, Inc	S: First Industrial-Ontario / 3661 0016L
ADDRESS: 5150 E Pacific Coast Hwy, Suite 450	P O NO: 57010772
CITY: Long Beach STATE: CA ZIP: 90804	PROJECT CONTACT: Peter Shimer
TEL: 310-879-4900 E-MAIL: pshimer@rouxinc.com	SAMPLER(S): (PRINT) Ian Cross

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS: H = hold

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH CC by 8015M (g,d,o)	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260) *	Prep (5035) ☐ En Core ☑ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☑ 6010/7471A ☐ 6020/747	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6	1,4-Dioxane (8270)	Asbestos (OSHA ID-191)		
	B-4-1	4-14-22	0825	Soil	6							X		X		X			X	H	X			X		
	B-4-3	↓	0833	↓	6							X		X		X			X	H	X			X		
	B-3-1	↓	1036	↓	6							X		X		X			X	H	X			X		
	B-3-3	↓	1042	↓	6							X		X		X			X	H	X			X		
	B-3-8	↓	1053	↓	6							X		X		X			X	H	X			X		
	B-2-1	↓	1158	↓	6							X		X		X			X	H	X			X		
	B-2-3	↓	1205	↓	6							X		X		X			X	H	X			X		
	B-2-7	↓	1217	↓	6							X		X		X			X	H	X			X		
	B-1-1	↓	1310	↓	6							X		X		X			X	H	X			X		
	B-1-7	↓	1323	↓	6							X		X		X			X	H	X			X		

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
[signature] Ian Cross	[signature] ECI	4-14-2022	17:04
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2.0/3.7 IR96

06/02/14 Revision

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CHAIN OF CUSTODY RECORD

WO #/ LAB USE ONLY

DATE: 4-14-2022

PAGE: 2 OF 2

7440 [illegible] Hwy [illegible]

For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us

LABORATORY CLIENT: Roux Associates, Inc.

ADDRESS: 5150 E Pacific Coast Hwy, Suite 450

CITY: Long Beach STATE: CA ZIP: 90804

TEL: 310-879-4900 E-MAIL: pshimer@rouxinc.com

S: First Industrial-Ontario / 3661 0016L

P.O. NO: 57010772

PROJECT CONTACT: Peter Shimer

SAMPLER(S) (PRINT): Ian Cross

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD").

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS

H = hold

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH CC by 8015M (g,d,o)	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	* Oxygenates (8260)	Prep (5035) ☐ En Core ☒ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☒ 6010/7471A ☐ 6020/7471	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	1,4-Dioxane (8270)	Asbestos (OSHA ID-191)	OCPs - 8081A	
	B-1-7-D	4-14-22	1323	Soil	5							X		X		X			X	H	X			X	
	B-1-10	↓	1335	↓	6							X		X		X			X	H	X			X	
	B-9-1	4-13-22	0906	Soil	5							X		X		X					X			X	X

Relinquished by: (Signature) Ian Cross	Received by: (Signature/Affiliation) E C I	Date: 4-14-2022 Time: 17:04
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: Time

06/02/14 Revision

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 570-92671-1

Login Number: 92671
List Number: 1
Creator: Skinner, Alma D

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-92671-2
Client Project/Site: First Industrial-Ontario / 3661.0016L

For:
Roux Associates, Inc.
5150 E Pacific Coast Highway
Suite 450
Long Beach, California 90804

Attn: David Smith

Virendra R Patel

Authorized for release by:
4/28/2022 3:30:15 PM

Virendra Patel, Project Manager I
(714)895-5494
Virendra.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: Roux Associates, Inc.
Job ID: 570-92671-2
Project/Site: First Industrial-Ontario / 3661.0016L

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-2

Job ID: 570-92671-2

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-92671-2

Comments
No additional comments.

Receipt
The samples were received on 4/14/2022 5:04 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.7º C.

Lab Admin
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Subcontract Work
Method Asbestos OSHA-ID 191: This method was subcontracted to EMSL Analytical Inc - LA Testing - Pasadena. The subcontract laboratory certification is different from that of the facility issuing the final report.

Method Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-2

Method	Method Description	Protocol	Laboratory
Subcontract	Asbestos OSHA-ID 191	None	EMSL-LA

Protocol References:

None = None

Laboratory References:

EMSL-LA = EMSL Analytical Inc - LA Testing - Pasadena, 520 Mission Street, South Pasadena, CA 91030

Sample Summary

Client: Roux Associates, Inc.
Project/Site: First Industrial-Ontario / 3661.0016L

Job ID: 570-92671-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-92671-1	B-4-1	Solid	04/14/22 08:25	04/14/22 17:04
570-92671-2	B-4-3	Solid	04/14/22 08:33	04/14/22 17:04
570-92671-3	B-3-1	Solid	04/14/22 10:36	04/14/22 17:04
570-92671-4	B-3-3	Solid	04/14/22 10:42	04/14/22 17:04
570-92671-5	B-3-8	Solid	04/14/22 10:53	04/14/22 17:04
570-92671-6	B-2-1	Solid	04/14/22 11:58	04/14/22 17:04
570-92671-7	B-2-3	Solid	04/14/22 12:05	04/14/22 17:04
570-92671-8	B-2-7	Solid	04/14/22 12:17	04/14/22 17:04
570-92671-9	B-1-1	Solid	04/14/22 13:10	04/14/22 17:04
570-92671-10	B-1-7	Solid	04/14/22 13:23	04/14/22 17:04
570-92671-11	B-1-7-D	Solid	04/14/22 13:23	04/14/22 17:04
570-92671-12	B-1-10	Solid	04/14/22 13:35	04/14/22 17:04
570-92671-13	B-9-1	Solid	04/14/22 09:06	04/14/22 17:04

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone: (800) 303-0047 Fax: (323) 254-9982 Email: Pasadenalab@latesting.com

Attn: **Virendra Patel**
Eurofins Calscience, Inc.
2841 Dow Ave, Suite 100
Tustin, CA 92780

Fax: (714) 894-7501 Phone: (714) 895-5494
Project: First Industrial-Ontario/3661.0016L | Project #57010772 | Job#570-92671-1

Customer ID: 32CALS51
Customer PO:
Received: 04/19/22 9:40 AM
LA Testing Order: 322208364
LA Testing Proj:
Analysis Date: 04/22/2022

Test Report: Asbestos Analysis of Soil Materials via OSHA ID 191 Method using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
B-4-1 (570-92671-1)		Brown		100%	Non-fibrous (other)	**None Detected**
322208364-0001		Non-Fibrous Homogeneous				
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
B-4-3 (570-92671-2)		Brown		100%	Non-fibrous (other)	**None Detected**
322208364-0002		Non-Fibrous Homogeneous				
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
B-3-1 (570-92671-3)		Brown		100%	Non-fibrous (other)	**None Detected**
322208364-0003		Non-Fibrous Homogeneous				
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
B-3-3 (570-92671-4)		Brown		100%	Non-fibrous (other)	**None Detected**
322208364-0004		Non-Fibrous Homogeneous				
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
B-3-8 (570-92671-5)		Brown		100%	Non-fibrous (other)	**None Detected**
322208364-0005		Non-Fibrous Homogeneous				
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
B-2-1 (570-92671-6)		Brown		100%	Non-fibrous (other)	**None Detected**
322208364-0006		Non-Fibrous Homogeneous				

Analyst(s)
Palacios, Rafael (4)
Espinoza Bajo, Humberto (9)

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

Some samples may contain asbestos fibers present in dimensions below PLM resolution limits.The limit of detection as stated in the method is 0.1%. EMSL Analytical Inc suggests that samples reported as <0.1% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc liability is limited to the cost of sample analysis.The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep.

Initial report from 04/27/2022 14:35

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone: (800) 303-0047 Fax: (323) 254-9982 Email: Pasadenalab@latesting.com

Attn: **Virendra Patel**
Eurofins Calscience, Inc.
2841 Dow Ave, Suite 100
Tustin, CA 92780

Fax: (714) 894-7501 Phone: (714) 895-5494
Project: First Industrial-Ontario/3661.0016L | Project #57010772 | Job#570-92671-1

Customer ID: 32CALS51
Customer PO:
Received: 04/19/22 9:40 AM
LA Testing Order: 322208364
LA Testing Proj:
Analysis Date: 04/22/2022

Test Report: Asbestos Analysis of Soil Materials via OSHA ID 191 Method using Polarized Light Microscopy

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
B-2-3 (570-92671-7)		Brown		100% Non-fibrous (other)	None Detected
322208364-0007		Non-Fibrous Homogeneous			
B-2-7 (570-92671-8)		Brown		100% Non-fibrous (other)	None Detected
322208364-0008		Non-Fibrous Homogeneous			
B-1-1 (570-92671-9)		Brown		100% Non-fibrous (other)	None Detected
322208364-0009		Non-Fibrous Homogeneous			
B-1-7 (570-92671-10)		Brown		100% Non-fibrous (other)	None Detected
322208364-0010		Non-Fibrous Homogeneous			
B-1-7-D (570-92671-11)		Brown		100% Non-fibrous (other)	None Detected
322208364-0011		Non-Fibrous Homogeneous			
B-1-10 (570-92671-12)		Brown		100% Non-fibrous (other)	None Detected
322208364-0012		Non-Fibrous Homogeneous			

Analyst(s)
Palacios, Rafael (4)
Espinoza Bajo, Humberto (9)

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

Some samples may contain asbestos fibers present in dimensions below PLM resolution limits.The limit of detection as stated in the method is 0.1%. EMSL Analytical Inc suggests that samples reported as <0.1% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc liability is limited to the cost of sample analysis.The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep.

Initial report from 04/27/2022 14:35

LA Testing
520 Mission Street, South Pasadena, CA 91030
Phone: (800) 303-0047 Fax: (323) 254-9982 Email: Pasadenalab@latesting.com

Attn: **Virendra Patel**
Eurofins Calscience, Inc.
2841 Dow Ave, Suite 100
Tustin, CA 92780

Fax: (714) 894-7501 Phone: (714) 895-5494
Project: First Industrial-Ontario/3661.0016L | Project #57010772 | Job#570-92671-1

Customer ID: 32CALS51
Customer PO:
Received: 04/19/22 9:40 AM
LA Testing Order: 322208364
LA Testing Proj:
Analysis Date: 04/22/2022

Test Report: Asbestos Analysis of Soil Materials via OSHA ID 191 Method using Polarized Light Microscopy

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
B-9-1 (570-92671-13)		Brown		100% Non-fibrous (other)	**None Detected**
322208364-0013		Non-Fibrous Homogeneous			

Analyst(s)
Palacios, Rafael (4)
Espinoza Bajo, Humberto (9)

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

Some samples may contain asbestos fibers present in dimensions below PLM resolution limits.The limit of detection as stated in the method is 0.1%. EMSL Analytical Inc suggests that samples reported as <0.1% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc liability is limited to the cost of sample analysis.The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Soil is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep.

Initial report from 04/27/2022 14:35

322208364#

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone: 714-895-5494

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Patel, Virendra	Carrier Tracking No(s):	COC No: 570-164635.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Virendra.Patel@et.eurofinsus.com	State of Origin: California	Page: Page 1 of 2
Company: EMSL Analytical, Inc.		Accreditations Required (See note): NELAP - Oregon; State - California		Job #: 570-92671-1
Address: 520 Mission Street, ,	Due Date Requested: 4/20/2022			
City: South Pasadena	TAT Requested (days):			
State, Zip: CA, 91030				
Phone:	PO #:			
Email:	WO #:			
Project Name: First Industrial-Ontario / 3661.0016L	Project #: 57010772			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUB (Asbestos OSHA-ID 191)/ Asbestos OSHA-ID 191	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
B-4-1 (570-92671-1)	4/14/22	08:25 Pacific		Solid			X	1	standard TAT
B-4-3 (570-92671-2)	4/14/22	08:33 Pacific		Solid			X	1	standard TAT
B-3-1 (570-92671-3)	4/14/22	10:36 Pacific		Solid			X	1	standard TAT
B-3-3 (570-92671-4)	4/14/22	10:42 Pacific		Solid			X	1	standard TAT
B-3-8 (570-92671-5)	4/14/22	10:53 Pacific		Solid			X	1	standard TAT
B-2-1 (570-92671-6)	4/14/22	11:58 Pacific		Solid			X	1	standard TAT
B-2-3 (570-92671-7)	4/14/22	12:05 Pacific		Solid			X	1	standard TAT
B-2-7 (570-92671-8)	4/14/22	12:17 Pacific		Solid			X	1	standard TAT
B-1-1 (570-92671-9)	4/14/22	13:10 Pacific		Solid			X	1	standard TAT

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Calscience.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	4/18/22 1300	EC	SM (FEDEX)	4/19/22 9:40am	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone: 714-895-5494

322208364#

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Patel, Virendra	Carrier Tracking No(s):	COC No: 570-164635.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Virendra.Patel@et.eurofinsus.com	State of Origin: California	Page: Page 2 of 2
Company: EMSL Analytical, Inc.		Accreditations Required (See note): NELAP - Oregon; State - California		Job #: 570-92671-1
Address: 520 Mission Street, ,	Due Date Requested: 4/20/2022			
City: South Pasadena	TAT Requested (days):			
State, Zip: CA, 91030				
Phone:	PO #:			
Email:	WO #:			
Project Name: First Industrial-Ontario / 3661.0016L	Project #: 57010772			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUB (Asbestos OSHA-ID 191)/ Asbestos OSHA-ID 191	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
B-1-7 (570-92671-10)	4/14/22	13:23 Pacific		Solid			X	1	standard TAT
B-1-7-D (570-92671-11)	4/14/22	13:23 Pacific		Solid			X	1	standard TAT
B-1-10 (570-92671-12)	4/14/22	13:35 Pacific		Solid			X	1	standard TAT
B-9-1 (570-92671-13)	4/14/22	09:06 Pacific		Solid			X	1	standard TAT

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Calscience.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	4/18/22 1300	EC	SIM (FEDEX)	4/19/22 9:40am	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

eurofins | **Calscience**

7440 [illegible]
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

570-92671 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 4-14-2022
PAGE: 1 OF 2

LABORATORY CLIENT: Roux Associates, Inc
ADDRESS: 5150 E Pacific Coast Hwy, Suite 450
CITY: Long Beach STATE: CA ZIP: 90804
TEL: 310-879-4900 E-MAIL: pshimer@rouxinc com

S: First Industrial-Ontario / 3661 0016L
P O NO: 57010772
PROJECT CONTACT: Peter Shimer
SAMPLER(S): (PRINT) Ian Cross

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS: H = hold

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH CC by 8015M (g,d,o)	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260) *	Prep (5035) ☐ En Core ☒ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☒ 6010/7471A ☐ 6020/747	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6	1,4-Dioxane (8270)	Asbestos (OSHA ID-191)
	B-4-1	4-14-22	0825	Soil	6							X		X		X			X	H	X			X
	B-4-3	↓	0833	↓	6							X		X		X			X	H	X			X
	B-3-1	↓	1036	↓	6							X		X		X			X	H	X			X
	B-3-3	↓	1042	↓	6							X		X		X			X	H	X			X
	B-3-8	↓	1053	↓	6							X		X		X			X	H	X			X
	B-2-1	↓	1158	↓	6							X		X		X			X	H	X			X
	B-2-3	↓	1205	↓	6							X		X		X			X	H	X			X
	B-2-7	↓	1217	↓	6							X		X		X			X	H	X			X
	B-1-1	↓	1310	↓	6							X		X		X			X	H	X			X
	B-1-7	↓	1323	↓	6							X		X		X			X	H	X			X

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
Ian Cross	ECI	4-14-2022	17:04
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2.0/3.7 IR96

06/02/14 Revision

CHAIN OF CUSTODY RECORD

eurofins | Calscience

7440 … (address line partly illegible)
For courier service / sample drop off information, contact us26_sales@eurofinsus com or call us

WO # / LAB USE ONLY

DATE: 4-14-2022
PAGE: 2 OF 2

LABORATORY CLIENT: Roux Associates, Inc.	First Industrial-Ontario / 3661 0016L
ADDRESS: 5150 E Pacific Coast Hwy, Suite 450	P.O. NO: 57010772
CITY: Long Beach STATE: CA ZIP: 90804	PROJECT CONTACT: Peter Shimer
TEL: 310-879-4900 E-MAIL: pshimer@rouxinc com	SAMPLER(S) (PRINT): Ian Cross

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:
H = hold

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH CC by 8015M (g,d,o)	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260) *	Prep (5035) ☐ En Core ☒ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☒ 6010/7471A ☐ 6020/747	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6	1,4-Dioxane (8270)	Asbestos (OSHA ID-191)	OCPs – 8081A	
	B-1-7-D	4-14-22	1323	Soil	5							X		X		X			X	H	X			X		
	B-1-10	↓	1338	↓	6							X		X		X			X	H	X			X		
	B-9-1	4-13-22	0906	Soil	5							X		X		X					X			X	X	

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Ian Cross	[signature] ECI	4-14-2022	17:04
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

06/02/14 Revision

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 570-92671-2

Login Number: 92671
List Number: 1
Creator: Skinner, Alma D

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-92691-1
Client Project/Site: First Indiustrial-Ontario / 3661.0016L

For:
Roux Associates, Inc.
5150 E Pacific Coast Highway
Suite 450
Long Beach, California 90804

Attn: David Smith

Virendra R Patel

Authorized for release by:
4/25/2022 7:24:02 AM

Virendra Patel, Project Manager I
(714)895-5494
Virendra.Patel@et.eurofinsus.com

Table of Contents

Client: Roux Associates, Inc.
Job ID: 570-92691-1
Project/Site: First Indiustrial-Ontario / 3661.0016L

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-92691-1

Job ID: 570-92691-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-92691-1

Comments
No additional comments.

Receipt
The sample was received on 4/14/2022 5:04 PM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.7º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-92691-1

Client Sample ID: IDW-Soil

Lab Sample ID: 570-92691-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C23-C24	6.0		4.9		mg/Kg	1		8015B	Total/NA
C25-C28	22		4.9		mg/Kg	1		8015B	Total/NA
C29-C32	32		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	23		4.9		mg/Kg	1		8015B	Total/NA
C41-C44	5.7		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	110		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	36		4.9		mg/Kg	1		8015B	Total/NA
Cadmium	1.26		0.490		mg/L	5		6010B	Total/NA
Barium	66.4		2.94		mg/L	5		6010B	Total/NA
Nickel	6.97		1.96		mg/L	5		6010B	Total/NA
Vanadium	24.5		0.980		mg/L	5		6010B	Total/NA
Copper	9.72		1.96		mg/L	5		6010B	Total/NA
Lead	10.4		1.96		mg/L	5		6010B	Total/NA
Zinc	52.9		4.90		mg/L	5		6010B	Total/NA
Chromium	12.5		0.980		mg/L	5		6010B	Total/NA
Cobalt	5.22		0.980		mg/L	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Roux Associates, Inc.
Job ID: 570-92691-1
Project/Site: First Indiustrial-Ontario / 3661.0016L

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: IDW-Soil
Date Collected: 04/14/22 15:01
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92691-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,1-Dichloroethane	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,1-Dichloroethene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,1-Dichloropropene	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,2-Dibromoethane	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,2-Dichloroethane	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,2-Dichloropropane	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,3-Dichloropropane	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
2,2-Dichloropropane	ND		4.9		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
2-Butanone	ND		20		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
2-Chlorotoluene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
2-Hexanone	ND		20		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
4-Chlorotoluene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
4-Methyl-2-pentanone	ND		20		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Acetone	ND		20		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Benzene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Bromobenzene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Bromochloromethane	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Bromodichloromethane	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Bromoform	ND		4.9		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Bromomethane	ND		20		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Carbon disulfide	ND		9.8		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Carbon tetrachloride	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Chlorobenzene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Chloroethane	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Chloroform	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Chloromethane	ND		20		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Dibromochloromethane	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Dibromomethane	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Ethylbenzene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Isopropylbenzene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Methylene Chloride	ND		9.8		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: IDW-Soil
Date Collected: 04/14/22 15:01
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92691-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
n-Butylbenzene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
N-Propylbenzene	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
o-Xylene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
m,p-Xylene	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
p-Isopropyltoluene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
sec-Butylbenzene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Styrene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
tert-Butylbenzene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Tetrachloroethene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Toluene	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Trichloroethene	ND		2.0		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Trichlorofluoromethane	ND		9.8		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Vinyl acetate	ND		9.8		ug/Kg		04/19/22 09:43	04/19/22 19:45	1
Vinyl chloride	ND		0.98		ug/Kg		04/19/22 09:43	04/19/22 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 141*	*04/19/22 09:43*	*04/19/22 19:45*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 120*	*04/19/22 09:43*	*04/19/22 19:45*	*1*
Dibromofluoromethane (Surr)	*98*		*47 - 142*	*04/19/22 09:43*	*04/19/22 19:45*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*04/19/22 09:43*	*04/19/22 19:45*	*1*

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-92691-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: IDW-Soil
Date Collected: 04/14/22 15:01
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92691-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C7 as C7	ND		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C8 as C8	ND		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C9-C10	ND		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C11-C12	ND		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C13-C14	ND		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C15-C16	ND		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C17-C18	ND		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C19-C20	ND		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C21-C22	ND		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C23-C24	**6.0**		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C25-C28	**22**		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C29-C32	**32**		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C33-C36	**23**		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C37-C40	ND		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C41-C44	**5.7**		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
C6-C44	**110**		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1
Diesel Range Organics [C10-C28]	**36**		4.9		mg/Kg		04/20/22 08:05	04/21/22 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*85*		*60 - 138*	*04/20/22 08:05*	*04/21/22 03:23*	*1*

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-92691-1

Method: 6010B - Metals (ICP)

Client Sample ID: IDW-Soil
Date Collected: 04/14/22 15:01
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92691-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**1.26**		0.490		mg/L		04/16/22 14:42	04/20/22 18:56	5
Antimony	ND		9.80		mg/L		04/16/22 14:42	04/20/22 18:56	5
Beryllium	ND		0.490		mg/L		04/16/22 14:42	04/20/22 18:56	5
Barium	**66.4**		2.94		mg/L		04/16/22 14:42	04/20/22 18:56	5
Thallium	ND		9.80		mg/L		04/16/22 14:42	04/20/22 18:56	5
Molybdenum	ND		1.96		mg/L		04/16/22 14:42	04/20/22 18:56	5
Nickel	**6.97**		1.96		mg/L		04/16/22 14:42	04/20/22 18:56	5
Vanadium	**24.5**		0.980		mg/L		04/16/22 14:42	04/20/22 18:56	5
Silver	ND		1.47		mg/L		04/16/22 14:42	04/20/22 18:56	5
Arsenic	ND		2.94		mg/L		04/16/22 14:42	04/20/22 18:56	5
Copper	**9.72**		1.96		mg/L		04/16/22 14:42	04/20/22 18:56	5
Lead	**10.4**		1.96		mg/L		04/16/22 14:42	04/20/22 18:56	5
Zinc	**52.9**		4.90		mg/L		04/16/22 14:42	04/20/22 18:56	5
Selenium	ND		2.94		mg/L		04/16/22 14:42	04/20/22 18:56	5
Chromium	**12.5**		0.980		mg/L		04/16/22 14:42	04/20/22 18:56	5
Cobalt	**5.22**		0.980		mg/L		04/16/22 14:42	04/20/22 18:56	5

Client: Roux Associates, Inc.
Job ID: 570-92691-1
Project/Site: First Indiustrial-Ontario / 3661.0016L

Method: 7471A - Mercury (CVAA)

Client Sample ID: IDW-Soil
Lab Sample ID: 570-92691-1
Date Collected: 04/14/22 15:01
Matrix: Solid
Date Received: 04/14/22 17:04

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820		mg/Kg		04/19/22 12:29	04/19/22 18:49	1

Surrogate Summary

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-92691-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(64-141)	(76-120)	(47-142)	(80-120)
570-92568-A-1-I MS	Matrix Spike	93	98	96	97
570-92568-A-1-J MSD	Matrix Spike Duplicate	93	99	96	97
570-92691-1	IDW-Soil	97	101	98	104
LCS 570-227618/1-A	Lab Control Sample	91	98	97	96
LCSD 570-227618/2-A	Lab Control Sample Dup	91	98	96	97
MB 570-227618/3-A	Method Blank	93	103	95	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(60-138)
570-92691-1	IDW-Soil	85
570-92751-A-3-B MS	Matrix Spike	87
570-92751-A-3-C MSD	Matrix Spike Duplicate	88
LCS 570-227911/2-A	Lab Control Sample	86
LCSD 570-227911/3-A	Lab Control Sample Dup	86
MB 570-227911/1-A	Method Blank	88

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-227618/3-A
Matrix: Solid
Analysis Batch: 227644

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227618

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,1-Dichloroethane	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,1-Dichloroethene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,1-Dichloropropene	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,2-Dibromoethane	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,2-Dichloroethane	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,2-Dichloropropane	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,3-Dichloropropane	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
2,2-Dichloropropane	ND		5.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
2-Butanone	ND		20		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
2-Chlorotoluene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
2-Hexanone	ND		20		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
4-Chlorotoluene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
4-Methyl-2-pentanone	ND		20		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Acetone	ND		20		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Benzene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Bromobenzene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Bromochloromethane	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Bromodichloromethane	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Bromoform	ND		5.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Bromomethane	ND		20		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Carbon disulfide	ND		9.9		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Carbon tetrachloride	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Chlorobenzene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Chloroethane	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Chloroform	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Chloromethane	ND		20		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Dibromochloromethane	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Dibromomethane	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Ethylbenzene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Isopropylbenzene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Methylene Chloride	ND		9.9		ug/Kg		04/19/22 09:19	04/19/22 10:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-227618/3-A
Matrix: Solid
Analysis Batch: 227644

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227618

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Naphthalene	ND		9.9		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
n-Butylbenzene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
N-Propylbenzene	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
o-Xylene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
m,p-Xylene	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
p-Isopropyltoluene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
sec-Butylbenzene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Styrene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
tert-Butylbenzene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Tetrachloroethene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Toluene	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Trichloroethene	ND		2.0		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Trichlorofluoromethane	ND		9.9		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Vinyl acetate	ND		9.9		ug/Kg		04/19/22 09:19	04/19/22 10:45	1
Vinyl chloride	ND		0.99		ug/Kg		04/19/22 09:19	04/19/22 10:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*64 - 141*	*04/19/22 09:19*	*04/19/22 10:45*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 120*	*04/19/22 09:19*	*04/19/22 10:45*	*1*
Dibromofluoromethane (Surr)	*95*		*47 - 142*	*04/19/22 09:19*	*04/19/22 10:45*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*04/19/22 09:19*	*04/19/22 10:45*	*1*

Lab Sample ID: LCS 570-227618/1-A
Matrix: Solid
Analysis Batch: 227644

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227618

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	49.8	53.38		ug/Kg		107	70 - 120
1,2-Dibromoethane	49.8	56.97		ug/Kg		114	80 - 120
1,2-Dichlorobenzene	49.8	53.45		ug/Kg		107	80 - 120
1,2-Dichloroethane	49.8	49.09		ug/Kg		99	80 - 120
Benzene	49.8	52.85		ug/Kg		106	80 - 120
Carbon tetrachloride	49.8	52.99		ug/Kg		106	80 - 125
Chlorobenzene	49.8	55.22		ug/Kg		111	80 - 120
Ethylbenzene	49.8	54.00		ug/Kg		108	80 - 120
Methyl-t-Butyl Ether (MTBE)	49.8	51.54		ug/Kg		104	73 - 137
o-Xylene	49.8	54.25		ug/Kg		109	80 - 120
m,p-Xylene	99.6	108.8		ug/Kg		109	80 - 120
Toluene	49.8	54.21		ug/Kg		109	80 - 120
Trichloroethene	49.8	55.80		ug/Kg		112	80 - 120
Vinyl chloride	49.8	52.33		ug/Kg		105	77 - 138

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 141*
4-Bromofluorobenzene (Surr)	*98*		*76 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-227618/1-A
Matrix: Solid
Analysis Batch: 227644

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227618

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*97*		*47 - 142*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: LCSD 570-227618/2-A
Matrix: Solid
Analysis Batch: 227644

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227618

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene			50.2	50.47		ug/Kg		101	70 - 120	6	20
1,2-Dibromoethane			50.2	56.50		ug/Kg		113	80 - 120	1	20
1,2-Dichlorobenzene			50.2	53.09		ug/Kg		106	80 - 120	1	20
1,2-Dichloroethane			50.2	47.97		ug/Kg		96	80 - 120	2	20
Benzene			50.2	51.24		ug/Kg		102	80 - 120	3	20
Carbon tetrachloride			50.2	50.42		ug/Kg		100	80 - 125	5	20
Chlorobenzene			50.2	53.83		ug/Kg		107	80 - 120	3	20
Ethylbenzene			50.2	52.54		ug/Kg		105	80 - 120	3	20
Methyl-t-Butyl Ether (MTBE)			50.2	50.83		ug/Kg		101	73 - 137	1	20
o-Xylene			50.2	52.90		ug/Kg		105	80 - 120	3	20
m,p-Xylene			100	104.3		ug/Kg		104	80 - 120	4	20
Toluene			50.2	50.88		ug/Kg		101	80 - 120	6	20
Trichloroethene			50.2	53.69		ug/Kg		107	80 - 120	4	20
Vinyl chloride			50.2	51.49		ug/Kg		103	77 - 138	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 141*
4-Bromofluorobenzene (Surr)	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*96*		*47 - 142*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 570-92568-A-1-I MS
Matrix: Solid
Analysis Batch: 227644

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227618

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	ND		48.9	45.62		ug/Kg		93	60 - 125
1,2-Dibromoethane	ND		48.9	53.00		ug/Kg		108	65 - 125
1,2-Dichlorobenzene	ND		48.9	47.20		ug/Kg		96	47 - 130
1,2-Dichloroethane	ND		48.9	45.38		ug/Kg		93	66 - 127
Benzene	ND		48.9	47.90		ug/Kg		98	70 - 125
Carbon tetrachloride	ND		48.9	46.92		ug/Kg		96	60 - 130
Chlorobenzene	ND		48.9	48.80		ug/Kg		100	65 - 125
Ethylbenzene	ND		48.9	47.12		ug/Kg		96	64 - 125
Methyl-t-Butyl Ether (MTBE)	ND		48.9	48.70		ug/Kg		100	61 - 125
o-Xylene	ND		48.9	48.41		ug/Kg		99	59 - 128
m,p-Xylene	ND		97.8	94.94		ug/Kg		97	60 - 125
Toluene	ND		48.9	46.42		ug/Kg		95	68 - 125
Trichloroethene	ND		48.9	49.75		ug/Kg		102	41 - 169
Vinyl chloride	ND		48.9	49.93		ug/Kg		102	59 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-92568-A-1-I MS
Matrix: Solid
Analysis Batch: 227644

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227618

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*93*		*64 - 141*
4-Bromofluorobenzene (Surr)	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*96*		*47 - 142*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 570-92568-A-1-J MSD
Matrix: Solid
Analysis Batch: 227644

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227618

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		49.6	47.15		ug/Kg		95	60 - 125	3	20
1,2-Dibromoethane	ND		49.6	51.84		ug/Kg		105	65 - 125	2	21
1,2-Dichlorobenzene	ND		49.6	41.69		ug/Kg		84	47 - 130	12	29
1,2-Dichloroethane	ND		49.6	45.14		ug/Kg		91	66 - 127	1	20
Benzene	ND		49.6	47.18		ug/Kg		95	70 - 125	2	20
Carbon tetrachloride	ND		49.6	46.81		ug/Kg		94	60 - 130	0	20
Chlorobenzene	ND		49.6	47.14		ug/Kg		95	65 - 125	3	22
Ethylbenzene	ND		49.6	45.48		ug/Kg		92	64 - 125	4	22
Methyl-t-Butyl Ether (MTBE)	ND		49.6	49.12		ug/Kg		99	61 - 125	1	20
o-Xylene	ND		49.6	46.40		ug/Kg		94	59 - 128	4	24
m,p-Xylene	ND		99.2	91.19		ug/Kg		92	60 - 125	4	24
Toluene	ND		49.6	46.29		ug/Kg		93	68 - 125	0	20
Trichloroethene	ND		49.6	49.32		ug/Kg		99	41 - 169	1	21
Vinyl chloride	ND		49.6	50.07		ug/Kg		101	59 - 125	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*93*		*64 - 141*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*96*		*47 - 142*
Toluene-d8 (Surr)	*97*		*80 - 120*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-227911/1-A
Matrix: Solid
Analysis Batch: 228100

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227911

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C7 as C7	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C8 as C8	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C9-C10	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C11-C12	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C13-C14	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C15-C16	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C17-C18	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C19-C20	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C21-C22	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 570-227911/1-A
Matrix: Solid
Analysis Batch: 228100

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227911

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C23-C24	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C25-C28	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C29-C32	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C33-C36	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C37-C40	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C41-C44	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
C6-C44	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1
Diesel Range Organics [C10-C28]	ND		5.0		mg/Kg		04/20/22 08:05	04/20/22 20:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*60 - 138*	*04/20/22 08:05*	*04/20/22 20:37*	*1*

Lab Sample ID: LCS 570-227911/2-A
Matrix: Solid
Analysis Batch: 228100

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227911

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	358.3		mg/Kg		90	80 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*86*		*60 - 138*

Lab Sample ID: LCSD 570-227911/3-A
Matrix: Solid
Analysis Batch: 228100

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227911

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	362.1		mg/Kg		91	80 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*86*		*60 - 138*

Lab Sample ID: 570-92751-A-3-B MS
Matrix: Solid
Analysis Batch: 228100

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227911

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	9.8		394	393.9		mg/Kg		97	43 - 165		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*87*		*60 - 138*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-92751-A-3-C MSD
Matrix: Solid
Analysis Batch: 228100

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227911

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	9.8		393	374.0		mg/Kg		93	43 - 165	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*88*		*60 - 138*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-671140/1-A ^5
Matrix: Solid
Analysis Batch: 671361

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 671140

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.508		mg/L		04/16/22 14:42	04/20/22 18:40	5
Antimony	ND		10.2		mg/L		04/16/22 14:42	04/20/22 18:40	5
Beryllium	ND		0.508		mg/L		04/16/22 14:42	04/20/22 18:40	5
Barium	ND		3.05		mg/L		04/16/22 14:42	04/20/22 18:40	5
Thallium	ND		10.2		mg/L		04/16/22 14:42	04/20/22 18:40	5
Molybdenum	ND		2.03		mg/L		04/16/22 14:42	04/20/22 18:40	5
Nickel	ND		2.03		mg/L		04/16/22 14:42	04/20/22 18:40	5
Vanadium	ND		1.02		mg/L		04/16/22 14:42	04/20/22 18:40	5
Silver	ND		1.52		mg/L		04/16/22 14:42	04/20/22 18:40	5
Arsenic	ND		3.05		mg/L		04/16/22 14:42	04/20/22 18:40	5
Copper	ND		2.03		mg/L		04/16/22 14:42	04/20/22 18:40	5
Lead	ND		2.03		mg/L		04/16/22 14:42	04/20/22 18:40	5
Zinc	ND		5.08		mg/L		04/16/22 14:42	04/20/22 18:40	5
Selenium	ND		3.05		mg/L		04/16/22 14:42	04/20/22 18:40	5
Chromium	ND		1.02		mg/L		04/16/22 14:42	04/20/22 18:40	5
Cobalt	ND		1.02		mg/L		04/16/22 14:42	04/20/22 18:40	5

Lab Sample ID: LCS 440-671140/2-A ^5
Matrix: Solid
Analysis Batch: 671361

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 671140

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	49.3	44.56		mg/L		90	80 - 120
Antimony	49.3	46.65		mg/L		95	80 - 120
Beryllium	49.3	44.10		mg/L		90	80 - 120
Barium	49.3	44.17		mg/L		90	80 - 120
Thallium	49.3	44.38		mg/L		90	80 - 120
Molybdenum	49.3	44.13		mg/L		90	80 - 120
Nickel	49.3	45.64		mg/L		93	80 - 120
Vanadium	49.3	44.08		mg/L		89	80 - 120
Silver	24.6	21.98		mg/L		89	80 - 120
Arsenic	49.3	45.83		mg/L		93	80 - 120
Copper	49.3	45.14		mg/L		92	80 - 120
Lead	49.3	45.04		mg/L		91	80 - 120
Zinc	49.3	45.04		mg/L		91	80 - 120
Selenium	49.3	43.44		mg/L		88	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 440-671140/2-A ^5
Matrix: Solid
Analysis Batch: 671361

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 671140

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	49.3	44.62		mg/L		91	80 - 120
Cobalt	49.3	44.98		mg/L		91	80 - 120

Lab Sample ID: 570-92543-A-1-C MS ^5
Matrix: Solid
Analysis Batch: 671361

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 671140

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.899		50.5	49.22		mg/L		96	75 - 125
Antimony	ND		50.5	53.96		mg/L		89	75 - 125
Beryllium	ND		50.5	49.03		mg/L		97	75 - 125
Barium	48.3		50.5	99.86		mg/L		102	75 - 125
Thallium	ND		50.5	46.99		mg/L		93	75 - 125
Molybdenum	ND		50.5	50.54		mg/L		98	75 - 125
Nickel	4.19		50.5	53.95		mg/L		99	75 - 125
Vanadium	3.25		50.5	52.69		mg/L		98	75 - 125
Silver	ND		25.3	20.61		mg/L		82	75 - 125
Arsenic	ND		50.5	50.24		mg/L		99	75 - 125
Copper	76.9		50.5	135.9		mg/L		117	75 - 125
Lead	11.0		50.5	61.50		mg/L		100	75 - 125
Zinc	135		50.5	191.9		mg/L		112	75 - 125
Selenium	4.51		50.5	50.78		mg/L		92	75 - 125
Chromium	7.18		50.5	57.42		mg/L		99	75 - 125
Cobalt	ND		50.5	50.16		mg/L		98	75 - 125

Lab Sample ID: 570-92543-A-1-D MSD ^5
Matrix: Solid
Analysis Batch: 671361

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 671140

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	0.899		50.3	47.75		mg/L		93	75 - 125	3	20
Antimony	ND		50.3	52.98		mg/L		87	75 - 125	2	20
Beryllium	ND		50.3	47.53		mg/L		95	75 - 125	3	20
Barium	48.3		50.3	97.06		mg/L		97	75 - 125	3	20
Thallium	ND		50.3	45.38		mg/L		90	75 - 125	4	20
Molybdenum	ND		50.3	49.77		mg/L		97	75 - 125	2	20
Nickel	4.19		50.3	52.49		mg/L		96	75 - 125	3	20
Vanadium	3.25		50.3	50.99		mg/L		95	75 - 125	3	20
Silver	ND		25.1	19.82		mg/L		79	75 - 125	4	20
Arsenic	ND		50.3	48.13		mg/L		96	75 - 125	4	20
Copper	76.9		50.3	131.8		mg/L		109	75 - 125	3	20
Lead	11.0		50.3	58.81		mg/L		95	75 - 125	4	20
Zinc	135		50.3	187.8		mg/L		105	75 - 125	2	20
Selenium	4.51		50.3	49.46		mg/L		89	75 - 125	3	20
Chromium	7.18		50.3	55.52		mg/L		96	75 - 125	3	20
Cobalt	ND		50.3	48.10		mg/L		95	75 - 125	4	20

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-92691-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-227685/1-A
Matrix: Solid
Analysis Batch: 227814

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227685

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794		mg/Kg		04/19/22 12:29	04/19/22 18:12	1

Lab Sample ID: LCS 570-227685/2-A
Matrix: Solid
Analysis Batch: 227814

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227685

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.794	0.8214		mg/Kg		103	85 - 121		

Lab Sample ID: LCSD 570-227685/3-A
Matrix: Solid
Analysis Batch: 227814

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227685

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.847	0.8909		mg/Kg		105	85 - 121	8	10

Lab Sample ID: 570-92884-A-1-D MS
Matrix: Solid
Analysis Batch: 227814

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227685

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		0.820	0.8433		mg/Kg		103	71 - 137		

Lab Sample ID: 570-92884-A-1-E MSD
Matrix: Solid
Analysis Batch: 227814

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227685

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.862	0.8893		mg/Kg		103	71 - 137	5	14

QC Association Summary

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-92691-1

GC/MS VOA

Prep Batch: 227618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92691-1	IDW-Soil	Total/NA	Solid	5030C	
MB 570-227618/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-227618/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-227618/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-92568-A-1-I MS	Matrix Spike	Total/NA	Solid	5030C	
570-92568-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	5030C	

Analysis Batch: 227644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92691-1	IDW-Soil	Total/NA	Solid	8260B	227618
MB 570-227618/3-A	Method Blank	Total/NA	Solid	8260B	227618
LCS 570-227618/1-A	Lab Control Sample	Total/NA	Solid	8260B	227618
LCSD 570-227618/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	227618
570-92568-A-1-I MS	Matrix Spike	Total/NA	Solid	8260B	227618
570-92568-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	227618

GC Semi VOA

Prep Batch: 227911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92691-1	IDW-Soil	Total/NA	Solid	3550C	
MB 570-227911/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-227911/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-227911/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-92751-A-3-B MS	Matrix Spike	Total/NA	Solid	3550C	
570-92751-A-3-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

Analysis Batch: 228100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92691-1	IDW-Soil	Total/NA	Solid	8015B	227911
MB 570-227911/1-A	Method Blank	Total/NA	Solid	8015B	227911
LCS 570-227911/2-A	Lab Control Sample	Total/NA	Solid	8015B	227911
LCSD 570-227911/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	227911
570-92751-A-3-B MS	Matrix Spike	Total/NA	Solid	8015B	227911
570-92751-A-3-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	227911

Metals

Prep Batch: 227685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92691-1	IDW-Soil	Total/NA	Solid	7471A	
MB 570-227685/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-227685/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-227685/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-92884-A-1-D MS	Matrix Spike	Total/NA	Solid	7471A	
570-92884-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Analysis Batch: 227814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92691-1	IDW-Soil	Total/NA	Solid	7471A	227685
MB 570-227685/1-A	Method Blank	Total/NA	Solid	7471A	227685
LCS 570-227685/2-A	Lab Control Sample	Total/NA	Solid	7471A	227685

Metals (Continued)

Analysis Batch: 227814 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-227685/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	227685
570-92884-A-1-D MS	Matrix Spike	Total/NA	Solid	7471A	227685
570-92884-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	227685

Prep Batch: 671140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92691-1	IDW-Soil	Total/NA	Solid	3050B	
MB 440-671140/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-671140/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
570-92543-A-1-C MS ^5	Matrix Spike	Total/NA	Solid	3050B	
570-92543-A-1-D MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 671361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92691-1	IDW-Soil	Total/NA	Solid	6010B	671140
MB 440-671140/1-A ^5	Method Blank	Total/NA	Solid	6010B	671140
LCS 440-671140/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	671140
570-92543-A-1-C MS ^5	Matrix Spike	Total/NA	Solid	6010B	671140
570-92543-A-1-D MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	671140

Lab Chronicle

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-92691-1

Client Sample ID: IDW-Soil

Date Collected: 04/14/22 15:01
Date Received: 04/14/22 17:04

Lab Sample ID: 570-92691-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.09 g	5 mL	227618	04/19/22 09:43	UJHB	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227644	04/19/22 19:45	UJHB	ECL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3550C			10.12 g	10 mL	227911	04/20/22 08:05	KG5J	ECL 4
Total/NA	Analysis	8015B		1			228100	04/21/22 03:23	A1W	ECL 4
	Instrument ID: GC69A									
Total/NA	Prep	3050B			2.04 g	50 mL	671140	04/16/22 14:42	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671361	04/20/22 18:56	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.61 g	100 mL	227685	04/19/22 12:29	VWJ7	ECL 4
Total/NA	Analysis	7471A		1			227814	04/19/22 18:49	VWJ7	ECL 4
	Instrument ID: HG8									

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

IRV 2 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Roux Associates, Inc.
Job ID: 570-92691-1
Project/Site: First Indiustrial-Ontario / 3661.0016L

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22
Oregon	NELAP	CA300001	01-31-23

Laboratory: Eurofins Calscience

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10256	06-30-22
California	State	2706	06-30-22
Kansas	NELAP	E-10420	07-31-22
Nevada	State	CA015312022-1	07-31-22
Washington	State	C900	09-03-22

Method Summary

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-92691-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 4
6010B	Metals (ICP)	SW846	IRV 2
7471A	Mercury (CVAA)	SW846	ECL 4
3050B	Preparation, Metals	SW846	IRV 2
3550C	Ultrasonic Extraction	SW846	ECL 4
5030C	Purge and Trap	SW846	ECL 4
7471A	Preparation, Mercury	SW846	ECL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

IRV 2 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-92691-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-92691-1	IDW-Soil	Solid	04/14/22 15:01	04/14/22 17:04

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570-92691 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 4-14-2020

PAGE: 1 OF 1

2841 Dow Avenue, Suite 100, Tustin, CA 92780-7211 • (714) 895-5494

LABORATORY CLIENT: Roux Associates, Inc.

CLIENT PROJECT NAME / NUMBER: FIRT Ontario / 3661.00166

P.O. NO.: 57010772

ADDRESS: 5150 E. Pacific Coast Hwy, Suite 450

PROJECT CONTACT: Peter Shimer

SAMPLER(S): (PRINT): Ian Cross

CITY: Long Beach, CA 90804 STATE: ZIP:

TEL: 562-310-879-4900

E-MAIL: pshimer@rouxinc.com

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD'):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

☐ COELT EDF | GLOBAL ID: | ECI PROJECT NO. | LOG CODE:

SPECIAL INSTRUCTIONS:

~~Hold~~ IC

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☑ C6-C44	TPH	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs. ☐ 8270 ☐ 8270 SIM	T22 Metals. ☐ 6010/747X ☑ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
	IDW-Soil	4-14-22	1501 IC	Soil	2						X			X							X	

Revised COC received from Ian Cross (Roux) on 04/17/2022 at 09:41am.
- Virendra (ECI)

Relinquished by: (Signature) Ian Cross	Received by: (Signature/Affiliation) ECI	Date: 4-14-2022	Time: 17:04
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date.	Time
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date.	Time

20/3.7 IR96

01/28/22 Revision

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570-92691 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 4-14-2020

PAGE: 1 OF 1

2841 Dow Avenue, Suite 100, Tustin, CA 92780-7211 • (714) 895-5494

LABORATORY CLIENT: Roux Associates, Inc.

ADDRESS: 5150 E. Pacific Coast Hwy, Suite 450

CITY: Long Beach, CA STATE: ZIP: 90804

TEL: 562-310-879-4900 E-MAIL: pshimer@rouxinc.com

CLIENT PROJECT NAME / NUMBER: FIRI Ontario/3661.00166

PO. NO.: 5701077Z

PROJECT CONTACT: Peter Shimer

SAMPLER(S): (PRINT): Ian Cross

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD'):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

☐ COELT EDF | GLOBAL ID: | ECI PROJECT NO. | LOG CODE:

SPECIAL INSTRUCTIONS: ~~H~~ ~~hold~~ Ic

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☑ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6
	IDW-Soil	4-14-22	15	Soil	2						X			X							X	

Relinquished by: (Signature) Ian Cross — Received by: (Signature/Affiliation) ECI — Date: 4-14-2022 — Time: 17:04

Relinquished by: (Signature) — Received by: (Signature/Affiliation) — Date: — Time

Relinquished by: (Signature) — Received by: (Signature/Affiliation) — Date: — Time

20/3.7 IR96

01/28/22 Revision

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 570-92691-1

Login Number: 92691
List Number: 1
Creator: Skinner, Alma D

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-93118-1
Client Project/Site: First Indiustrial-Ontario / 3661.0016L

For:
Roux Associates, Inc.
5150 E Pacific Coast Highway
Suite 450
Long Beach, California 90804

Attn: David Smith

Virendra R Patel

Authorized for release by:
4/26/2022 11:50:52 AM

Virendra Patel, Project Manager I
(714)895-5494
Virendra.Patel@et.eurofinsus.com

Table of Contents

Definitions/Glossary

Client: Roux Associates, Inc. Job ID: 570-93118-1
Project/Site: First Indiustrial-Ontario / 3661.0016L

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Roux Associates, Inc. Job ID: 570-93118-1
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-93118-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-93118-1

Comments
No additional comments.

Receipt
The samples were received on 4/19/2022 7:20 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 22.0º C.

Air Toxics
Method TO-15: The following analyte(s) recovered outside control limits for the LCSD associated with analytical batch 570-228550: <AffectedAnalytes>. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-93118-1

Client Sample ID: SV-1-10 — Lab Sample ID: 570-93118-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.6		2.0		ppb v/v	1		TO-15	Total/NA
Toluene	0.76		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	3.2		1.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18		4.8		ug/m3	1		TO-15	Total/NA
Toluene	2.9		1.9		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	18		5.6		ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-1-20 — Lab Sample ID: 570-93118-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.4		2.0		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	4.0		1.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15		4.8		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	22		5.6		ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-2-5 — Lab Sample ID: 570-93118-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.7		2.0		ppb v/v	1		TO-15	Total/NA
Toluene	0.71		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	3.6		1.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	21		4.8		ug/m3	1		TO-15	Total/NA
Toluene	2.7		1.9		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	20		5.6		ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-2-5-D — Lab Sample ID: 570-93118-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.8		2.0		ppb v/v	1		TO-15	Total/NA
Toluene	0.66		0.50		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	16		4.8		ug/m3	1		TO-15	Total/NA
Toluene	2.5		1.9		ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-2-15 — Lab Sample ID: 570-93118-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	1.6		1.5		ppb v/v	1		TO-15	Total/NA
Acetone	9.9		2.0		ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.56		0.50		ppb v/v	1		TO-15	Total/NA
Toluene	1.0		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	20		1.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	4.7		4.4		ug/m3	1		TO-15	Total/NA
Acetone	24		4.8		ug/m3	1		TO-15	Total/NA
Tetrachloroethene	3.8		3.4		ug/m3	1		TO-15	Total/NA
Toluene	3.8		1.9		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	110		5.6		ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-93118-1

Client Sample ID: SV-4-5 — Lab Sample ID: 570-93118-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.9		1.5		ppb v/v	1		TO-15	Total/NA
Acetone	26		2.0		ppb v/v	1		TO-15	Total/NA
Chloroethane	0.55		0.50		ppb v/v	1		TO-15	Total/NA
Chloromethane	1.2		0.50		ppb v/v	1		TO-15	Total/NA
Toluene	0.62		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	1.3		1.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	17		4.4		ug/m3	1		TO-15	Total/NA
Acetone	62		4.8		ug/m3	1		TO-15	Total/NA
Chloroethane	1.4		1.3		ug/m3	1		TO-15	Total/NA
Chloromethane	2.6		1.0		ug/m3	1		TO-15	Total/NA
Toluene	2.3		1.9		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	7.0		5.6		ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-4-15 — Lab Sample ID: 570-93118-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	1.6		1.5		ppb v/v	1		TO-15	Total/NA
Acetone	11		2.0		ppb v/v	1		TO-15	Total/NA
Toluene	1.1		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	1.9		1.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	4.9		4.4		ug/m3	1		TO-15	Total/NA
Acetone	27		4.8		ug/m3	1		TO-15	Total/NA
Toluene	4.2		1.9		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	11		5.6		ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-6-5 — Lab Sample ID: 570-93118-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.5		2.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.0		4.8		ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-6-15 — Lab Sample ID: 570-93118-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.7		1.5		ppb v/v	1		TO-15	Total/NA
Acetone	43		2.0		ppb v/v	1		TO-15	Total/NA
Isopropanol	5.7		5.0		ppb v/v	1		TO-15	Total/NA
o-Xylene	0.65		0.50		ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.91		0.50		ppb v/v	1		TO-15	Total/NA
Toluene	1.7		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	8.7		1.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	17		4.4		ug/m3	1		TO-15	Total/NA
Acetone	100		4.8		ug/m3	1		TO-15	Total/NA
Isopropanol	14		12		ug/m3	1		TO-15	Total/NA
o-Xylene	2.8		2.2		ug/m3	1		TO-15	Total/NA
Tetrachloroethene	6.1		3.4		ug/m3	1		TO-15	Total/NA
Toluene	6.3		1.9		ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SV-6-15 (Continued) — Lab Sample ID: 570-93118-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichlorofluoromethane	49		5.6		ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-9-5 — Lab Sample ID: 570-93118-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	3.0		1.5		ppb v/v	1		TO-15	Total/NA
Acetone	14		2.0		ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	13		0.50		ppb v/v	1		TO-15	Total/NA
Toluene	0.54		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	2.3		1.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	8.7		4.4		ug/m3	1		TO-15	Total/NA
Acetone	34		4.8		ug/m3	1		TO-15	Total/NA
Tetrachloroethene	86		3.4		ug/m3	1		TO-15	Total/NA
Toluene	2.0		1.9		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	13		5.6		ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-9-15 — Lab Sample ID: 570-93118-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.3		1.5		ppb v/v	1		TO-15	Total/NA
Acetone	24		2.0		ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.83		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	3.2		1.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	16		4.4		ug/m3	1		TO-15	Total/NA
Acetone	57		4.8		ug/m3	1		TO-15	Total/NA
Tetrachloroethene	5.7		3.4		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	18		5.6		ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-7-5 — Lab Sample ID: 570-93118-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	0.51		0.50		ppb v/v	1		TO-15	Total/NA
2-Butanone	4.1		1.5		ppb v/v	1		TO-15	Total/NA
Acetone	23		2.0		ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.68		0.50		ppb v/v	1		TO-15	Total/NA
o-Xylene	0.71		0.50		ppb v/v	1		TO-15	Total/NA
m,p-Xylene	2.6		2.0		ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	31		0.50		ppb v/v	1		TO-15	Total/NA
Toluene	1.2		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	13		1.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	2.5		2.5		ug/m3	1		TO-15	Total/NA
2-Butanone	12		4.4		ug/m3	1		TO-15	Total/NA
Acetone	54		4.8		ug/m3	1		TO-15	Total/NA
Ethylbenzene	3.0		2.2		ug/m3	1		TO-15	Total/NA
o-Xylene	3.1		2.2		ug/m3	1		TO-15	Total/NA
m,p-Xylene	11		8.7		ug/m3	1		TO-15	Total/NA
Tetrachloroethene	210		3.4		ug/m3	1		TO-15	Total/NA
Toluene	4.4		1.9		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	71		5.6		ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-93118-1

Client Sample ID: SV-7-15 — Lab Sample ID: 570-93118-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.4		1.5		ppb v/v	1		TO-15	Total/NA
Acetone	17		2.0		ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	1.4		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	14		1.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	16		4.4		ug/m3	1		TO-15	Total/NA
Acetone	39		4.8		ug/m3	1		TO-15	Total/NA
Tetrachloroethene	9.8		3.4		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	80		5.6		ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-8-5 — Lab Sample ID: 570-93118-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	1.5		1.5		ppb v/v	1		TO-15	Total/NA
Acetone	7.3		2.0		ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.81		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	4.1		1.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	4.3		4.4		ug/m3	1		TO-15	Total/NA
Acetone	17		4.8		ug/m3	1		TO-15	Total/NA
Tetrachloroethene	5.5		3.4		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	23		5.6		ug/m3	1		TO-15	Total/NA

Client Sample ID: SV-8-15 — Lab Sample ID: 570-93118-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	1.8		1.5		ppb v/v	1		TO-15	Total/NA
Acetone	9.8		2.0		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	4.3		1.0		ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.2		4.4		ug/m3	1		TO-15	Total/NA
Acetone	23		4.8		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	24		5.6		ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Roux Associates, Inc.
Job ID: 570-93118-1
Project/Site: First Indiustrial-Ontario / 3661.0016L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Client Sample ID: SV-1-10
Lab Sample ID: 570-93118-1
Date Collected: 04/18/22 08:21
Matrix: Air
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/22/22 04:21	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/22/22 04:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/22/22 04:21	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/22/22 04:21	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/22/22 04:21	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/22/22 04:21	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/22/22 04:21	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/22/22 04:21	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/22/22 04:21	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/22/22 04:21	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/22/22 04:21	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 04:21	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/22/22 04:21	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/22/22 04:21	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/22/22 04:21	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 04:21	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 04:21	1
2-Butanone	ND		1.5		ppb v/v			04/22/22 04:21	1
2-Hexanone	ND		1.5		ppb v/v			04/22/22 04:21	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/22/22 04:21	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/22/22 04:21	1
Acetone	**7.6**		2.0		ppb v/v			04/22/22 04:21	1
Benzene	ND		0.50		ppb v/v			04/22/22 04:21	1
Benzyl chloride	ND		1.5		ppb v/v			04/22/22 04:21	1
Bromodichloromethane	ND		0.50		ppb v/v			04/22/22 04:21	1
Bromoform	ND		0.50		ppb v/v			04/22/22 04:21	1
Bromomethane	ND		0.50		ppb v/v			04/22/22 04:21	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 04:21	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/22/22 04:21	1
Carbon disulfide	ND		2.0		ppb v/v			04/22/22 04:21	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/22/22 04:21	1
Chlorobenzene	ND		0.50		ppb v/v			04/22/22 04:21	1
Chloroethane	ND		0.50		ppb v/v			04/22/22 04:21	1
Chloroform	ND		0.50		ppb v/v			04/22/22 04:21	1
Chloromethane	ND		0.50		ppb v/v			04/22/22 04:21	1
Dibromochloromethane	ND		0.50		ppb v/v			04/22/22 04:21	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/22/22 04:21	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/22/22 04:21	1
Ethylbenzene	ND		0.50		ppb v/v			04/22/22 04:21	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/22/22 04:21	1
Isopropanol	ND		5.0		ppb v/v			04/22/22 04:21	1
Methylene Chloride	ND		5.0		ppb v/v			04/22/22 04:21	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/22/22 04:21	1
n-Butylbenzene	ND		1.5		ppb v/v			04/22/22 04:21	1
o-Xylene	ND		0.50		ppb v/v			04/22/22 04:21	1
m,p-Xylene	ND		2.0		ppb v/v			04/22/22 04:21	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/22/22 04:21	1
Styrene	ND		1.5		ppb v/v			04/22/22 04:21	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-1-10
Date Collected: 04/18/22 08:21
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-1
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 04:21	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/22/22 04:21	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/22/22 04:21	1
Tetrachloroethene	ND		0.50		ppb v/v			04/22/22 04:21	1
Toluene	**0.76**		0.50		ppb v/v			04/22/22 04:21	1
Trichloroethene	ND		0.50		ppb v/v			04/22/22 04:21	1
Trichlorofluoromethane	**3.2**		1.0		ppb v/v			04/22/22 04:21	1
Vinyl acetate	ND		2.0		ppb v/v			04/22/22 04:21	1
Vinyl chloride	ND		0.50		ppb v/v			04/22/22 04:21	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/22/22 04:21	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/22/22 04:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/22/22 04:21	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/22/22 04:21	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/22/22 04:21	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/22/22 04:21	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/22/22 04:21	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/22/22 04:21	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/22/22 04:21	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/22/22 04:21	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/22/22 04:21	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 04:21	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/22/22 04:21	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/22/22 04:21	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/22/22 04:21	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 04:21	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 04:21	1
2-Butanone	ND		4.4		ug/m3			04/22/22 04:21	1
2-Hexanone	ND		6.1		ug/m3			04/22/22 04:21	1
4-Ethyltoluene	ND		2.5		ug/m3			04/22/22 04:21	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/22/22 04:21	1
Acetone	**18**		4.8		ug/m3			04/22/22 04:21	1
Benzene	ND		1.6		ug/m3			04/22/22 04:21	1
Benzyl chloride	ND		7.8		ug/m3			04/22/22 04:21	1
Bromodichloromethane	ND		3.4		ug/m3			04/22/22 04:21	1
Bromoform	ND		5.2		ug/m3			04/22/22 04:21	1
Bromomethane	ND		1.9		ug/m3			04/22/22 04:21	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 04:21	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/22/22 04:21	1
Carbon disulfide	ND		6.2		ug/m3			04/22/22 04:21	1
Carbon tetrachloride	ND		3.1		ug/m3			04/22/22 04:21	1
Chlorobenzene	ND		2.3		ug/m3			04/22/22 04:21	1
Chloroethane	ND		1.3		ug/m3			04/22/22 04:21	1
Chloroform	ND		2.4		ug/m3			04/22/22 04:21	1
Chloromethane	ND		1.0		ug/m3			04/22/22 04:21	1
Dibromochloromethane	ND		4.3		ug/m3			04/22/22 04:21	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/22/22 04:21	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/22/22 04:21	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-1-10
Date Collected: 04/18/22 08:21
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-1
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		2.2		ug/m3			04/22/22 04:21	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/22/22 04:21	1
Isopropanol	ND		12		ug/m3			04/22/22 04:21	1
Methylene Chloride	ND		17		ug/m3			04/22/22 04:21	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/22/22 04:21	1
n-Butylbenzene	ND		8.2		ug/m3			04/22/22 04:21	1
o-Xylene	ND		2.2		ug/m3			04/22/22 04:21	1
m,p-Xylene	ND		8.7		ug/m3			04/22/22 04:21	1
sec-Butylbenzene	ND		8.2		ug/m3			04/22/22 04:21	1
Styrene	ND		6.4		ug/m3			04/22/22 04:21	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 04:21	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/22/22 04:21	1
tert-Butylbenzene	ND		8.2		ug/m3			04/22/22 04:21	1
Tetrachloroethene	ND		3.4		ug/m3			04/22/22 04:21	1
Toluene	**2.9**		1.9		ug/m3			04/22/22 04:21	1
Trichloroethene	ND		2.7		ug/m3			04/22/22 04:21	1
Trichlorofluoromethane	**18**		5.6		ug/m3			04/22/22 04:21	1
Vinyl acetate	ND		7.0		ug/m3			04/22/22 04:21	1
Vinyl chloride	ND		1.3		ug/m3			04/22/22 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 132*		*04/22/22 04:21*	*1*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*		*04/22/22 04:21*	*1*
Toluene-d8 (Surr)	*120*		*70 - 130*		*04/22/22 04:21*	*1*

Client Sample ID: SV-1-20
Date Collected: 04/18/22 08:44
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-2
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/22/22 05:11	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/22/22 05:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/22/22 05:11	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/22/22 05:11	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/22/22 05:11	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/22/22 05:11	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/22/22 05:11	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/22/22 05:11	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/22/22 05:11	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/22/22 05:11	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/22/22 05:11	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 05:11	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/22/22 05:11	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/22/22 05:11	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/22/22 05:11	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 05:11	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 05:11	1
2-Butanone	ND		1.5		ppb v/v			04/22/22 05:11	1
2-Hexanone	ND		1.5		ppb v/v			04/22/22 05:11	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-1-20
Date Collected: 04/18/22 08:44
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-2
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		0.50		ppb v/v			04/22/22 05:11	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/22/22 05:11	1
Acetone	**6.4**		2.0		ppb v/v			04/22/22 05:11	1
Benzene	ND		0.50		ppb v/v			04/22/22 05:11	1
Benzyl chloride	ND		1.5		ppb v/v			04/22/22 05:11	1
Bromodichloromethane	ND		0.50		ppb v/v			04/22/22 05:11	1
Bromoform	ND		0.50		ppb v/v			04/22/22 05:11	1
Bromomethane	ND		0.50		ppb v/v			04/22/22 05:11	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 05:11	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/22/22 05:11	1
Carbon disulfide	ND		2.0		ppb v/v			04/22/22 05:11	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/22/22 05:11	1
Chlorobenzene	ND		0.50		ppb v/v			04/22/22 05:11	1
Chloroethane	ND		0.50		ppb v/v			04/22/22 05:11	1
Chloroform	ND		0.50		ppb v/v			04/22/22 05:11	1
Chloromethane	ND		0.50		ppb v/v			04/22/22 05:11	1
Dibromochloromethane	ND		0.50		ppb v/v			04/22/22 05:11	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/22/22 05:11	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/22/22 05:11	1
Ethylbenzene	ND		0.50		ppb v/v			04/22/22 05:11	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/22/22 05:11	1
Isopropanol	ND		5.0		ppb v/v			04/22/22 05:11	1
Methylene Chloride	ND		5.0		ppb v/v			04/22/22 05:11	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/22/22 05:11	1
n-Butylbenzene	ND		1.5		ppb v/v			04/22/22 05:11	1
o-Xylene	ND		0.50		ppb v/v			04/22/22 05:11	1
m,p-Xylene	ND		2.0		ppb v/v			04/22/22 05:11	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/22/22 05:11	1
Styrene	ND		1.5		ppb v/v			04/22/22 05:11	1
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 05:11	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/22/22 05:11	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/22/22 05:11	1
Tetrachloroethene	ND		0.50		ppb v/v			04/22/22 05:11	1
Toluene	ND		0.50		ppb v/v			04/22/22 05:11	1
Trichloroethene	ND		0.50		ppb v/v			04/22/22 05:11	1
Trichlorofluoromethane	**4.0**		1.0		ppb v/v			04/22/22 05:11	1
Vinyl acetate	ND		2.0		ppb v/v			04/22/22 05:11	1
Vinyl chloride	ND		0.50		ppb v/v			04/22/22 05:11	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/22/22 05:11	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/22/22 05:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/22/22 05:11	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/22/22 05:11	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/22/22 05:11	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/22/22 05:11	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/22/22 05:11	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/22/22 05:11	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/22/22 05:11	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-1-20
Date Collected: 04/18/22 08:44
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-2
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/22/22 05:11	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/22/22 05:11	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 05:11	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/22/22 05:11	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/22/22 05:11	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/22/22 05:11	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 05:11	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 05:11	1
2-Butanone	ND		4.4		ug/m3			04/22/22 05:11	1
2-Hexanone	ND		6.1		ug/m3			04/22/22 05:11	1
4-Ethyltoluene	ND		2.5		ug/m3			04/22/22 05:11	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/22/22 05:11	1
Acetone	**15**		4.8		ug/m3			04/22/22 05:11	1
Benzene	ND		1.6		ug/m3			04/22/22 05:11	1
Benzyl chloride	ND		7.8		ug/m3			04/22/22 05:11	1
Bromodichloromethane	ND		3.4		ug/m3			04/22/22 05:11	1
Bromoform	ND		5.2		ug/m3			04/22/22 05:11	1
Bromomethane	ND		1.9		ug/m3			04/22/22 05:11	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 05:11	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/22/22 05:11	1
Carbon disulfide	ND		6.2		ug/m3			04/22/22 05:11	1
Carbon tetrachloride	ND		3.1		ug/m3			04/22/22 05:11	1
Chlorobenzene	ND		2.3		ug/m3			04/22/22 05:11	1
Chloroethane	ND		1.3		ug/m3			04/22/22 05:11	1
Chloroform	ND		2.4		ug/m3			04/22/22 05:11	1
Chloromethane	ND		1.0		ug/m3			04/22/22 05:11	1
Dibromochloromethane	ND		4.3		ug/m3			04/22/22 05:11	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/22/22 05:11	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/22/22 05:11	1
Ethylbenzene	ND		2.2		ug/m3			04/22/22 05:11	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/22/22 05:11	1
Isopropanol	ND		12		ug/m3			04/22/22 05:11	1
Methylene Chloride	ND		17		ug/m3			04/22/22 05:11	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/22/22 05:11	1
n-Butylbenzene	ND		8.2		ug/m3			04/22/22 05:11	1
o-Xylene	ND		2.2		ug/m3			04/22/22 05:11	1
m,p-Xylene	ND		8.7		ug/m3			04/22/22 05:11	1
sec-Butylbenzene	ND		8.2		ug/m3			04/22/22 05:11	1
Styrene	ND		6.4		ug/m3			04/22/22 05:11	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 05:11	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/22/22 05:11	1
tert-Butylbenzene	ND		8.2		ug/m3			04/22/22 05:11	1
Tetrachloroethene	ND		3.4		ug/m3			04/22/22 05:11	1
Toluene	ND		1.9		ug/m3			04/22/22 05:11	1
Trichloroethene	ND		2.7		ug/m3			04/22/22 05:11	1
Trichlorofluoromethane	**22**		5.6		ug/m3			04/22/22 05:11	1
Vinyl acetate	ND		7.0		ug/m3			04/22/22 05:11	1
Vinyl chloride	ND		1.3		ug/m3			04/22/22 05:11	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 132*		*04/22/22 05:11*	*1*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*		*04/22/22 05:11*	*1*
Toluene-d8 (Surr)	*127*		*70 - 130*		*04/22/22 05:11*	*1*

Client Sample ID: SV-2-5
Lab Sample ID: 570-93118-3
Date Collected: 04/18/22 09:25
Matrix: Air
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/22/22 06:04	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/22/22 06:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/22/22 06:04	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/22/22 06:04	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/22/22 06:04	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/22/22 06:04	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/22/22 06:04	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/22/22 06:04	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/22/22 06:04	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/22/22 06:04	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/22/22 06:04	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 06:04	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/22/22 06:04	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/22/22 06:04	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/22/22 06:04	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 06:04	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 06:04	1
2-Butanone	ND		1.5		ppb v/v			04/22/22 06:04	1
2-Hexanone	ND		1.5		ppb v/v			04/22/22 06:04	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/22/22 06:04	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/22/22 06:04	1
Acetone	**8.7**		2.0		ppb v/v			04/22/22 06:04	1
Benzene	ND		0.50		ppb v/v			04/22/22 06:04	1
Benzyl chloride	ND		1.5		ppb v/v			04/22/22 06:04	1
Bromodichloromethane	ND		0.50		ppb v/v			04/22/22 06:04	1
Bromoform	ND		0.50		ppb v/v			04/22/22 06:04	1
Bromomethane	ND		0.50		ppb v/v			04/22/22 06:04	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 06:04	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/22/22 06:04	1
Carbon disulfide	ND		2.0		ppb v/v			04/22/22 06:04	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/22/22 06:04	1
Chlorobenzene	ND		0.50		ppb v/v			04/22/22 06:04	1
Chloroethane	ND		0.50		ppb v/v			04/22/22 06:04	1
Chloroform	ND		0.50		ppb v/v			04/22/22 06:04	1
Chloromethane	ND		0.50		ppb v/v			04/22/22 06:04	1
Dibromochloromethane	ND		0.50		ppb v/v			04/22/22 06:04	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/22/22 06:04	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/22/22 06:04	1
Ethylbenzene	ND		0.50		ppb v/v			04/22/22 06:04	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/22/22 06:04	1
Isopropanol	ND		5.0		ppb v/v			04/22/22 06:04	1
Methylene Chloride	ND		5.0		ppb v/v			04/22/22 06:04	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/22/22 06:04	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-2-5
Date Collected: 04/18/22 09:25
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-3
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		1.5		ppb v/v			04/22/22 06:04	1
o-Xylene	ND		0.50		ppb v/v			04/22/22 06:04	1
m,p-Xylene	ND		2.0		ppb v/v			04/22/22 06:04	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/22/22 06:04	1
Styrene	ND		1.5		ppb v/v			04/22/22 06:04	1
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 06:04	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/22/22 06:04	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/22/22 06:04	1
Tetrachloroethene	ND		0.50		ppb v/v			04/22/22 06:04	1
Toluene	**0.71**		0.50		ppb v/v			04/22/22 06:04	1
Trichloroethene	ND		0.50		ppb v/v			04/22/22 06:04	1
Trichlorofluoromethane	**3.6**		1.0		ppb v/v			04/22/22 06:04	1
Vinyl acetate	ND		2.0		ppb v/v			04/22/22 06:04	1
Vinyl chloride	ND		0.50		ppb v/v			04/22/22 06:04	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/22/22 06:04	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/22/22 06:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/22/22 06:04	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/22/22 06:04	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/22/22 06:04	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/22/22 06:04	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/22/22 06:04	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/22/22 06:04	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/22/22 06:04	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/22/22 06:04	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/22/22 06:04	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 06:04	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/22/22 06:04	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/22/22 06:04	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/22/22 06:04	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 06:04	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 06:04	1
2-Butanone	ND		4.4		ug/m3			04/22/22 06:04	1
2-Hexanone	ND		6.1		ug/m3			04/22/22 06:04	1
4-Ethyltoluene	ND		2.5		ug/m3			04/22/22 06:04	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/22/22 06:04	1
Acetone	**21**		4.8		ug/m3			04/22/22 06:04	1
Benzene	ND		1.6		ug/m3			04/22/22 06:04	1
Benzyl chloride	ND		7.8		ug/m3			04/22/22 06:04	1
Bromodichloromethane	ND		3.4		ug/m3			04/22/22 06:04	1
Bromoform	ND		5.2		ug/m3			04/22/22 06:04	1
Bromomethane	ND		1.9		ug/m3			04/22/22 06:04	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 06:04	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/22/22 06:04	1
Carbon disulfide	ND		6.2		ug/m3			04/22/22 06:04	1
Carbon tetrachloride	ND		3.1		ug/m3			04/22/22 06:04	1
Chlorobenzene	ND		2.3		ug/m3			04/22/22 06:04	1
Chloroethane	ND		1.3		ug/m3			04/22/22 06:04	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-2-5
Lab Sample ID: 570-93118-3
Date Collected: 04/18/22 09:25
Matrix: Air
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		2.4		ug/m3			04/22/22 06:04	1
Chloromethane	ND		1.0		ug/m3			04/22/22 06:04	1
Dibromochloromethane	ND		4.3		ug/m3			04/22/22 06:04	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/22/22 06:04	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/22/22 06:04	1
Ethylbenzene	ND		2.2		ug/m3			04/22/22 06:04	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/22/22 06:04	1
Isopropanol	ND		12		ug/m3			04/22/22 06:04	1
Methylene Chloride	ND		17		ug/m3			04/22/22 06:04	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/22/22 06:04	1
n-Butylbenzene	ND		8.2		ug/m3			04/22/22 06:04	1
o-Xylene	ND		2.2		ug/m3			04/22/22 06:04	1
m,p-Xylene	ND		8.7		ug/m3			04/22/22 06:04	1
sec-Butylbenzene	ND		8.2		ug/m3			04/22/22 06:04	1
Styrene	ND		6.4		ug/m3			04/22/22 06:04	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 06:04	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/22/22 06:04	1
tert-Butylbenzene	ND		8.2		ug/m3			04/22/22 06:04	1
Tetrachloroethene	ND		3.4		ug/m3			04/22/22 06:04	1
Toluene	**2.7**		1.9		ug/m3			04/22/22 06:04	1
Trichloroethene	ND		2.7		ug/m3			04/22/22 06:04	1
Trichlorofluoromethane	**20**		5.6		ug/m3			04/22/22 06:04	1
Vinyl acetate	ND		7.0		ug/m3			04/22/22 06:04	1
Vinyl chloride	ND		1.3		ug/m3			04/22/22 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 132*		*04/22/22 06:04*	*1*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*		*04/22/22 06:04*	*1*
Toluene-d8 (Surr)	*119*		*70 - 130*		*04/22/22 06:04*	*1*

Client Sample ID: SV-2-5-D
Lab Sample ID: 570-93118-4
Date Collected: 04/18/22 09:25
Matrix: Air
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/22/22 06:56	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/22/22 06:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/22/22 06:56	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/22/22 06:56	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/22/22 06:56	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/22/22 06:56	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/22/22 06:56	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/22/22 06:56	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/22/22 06:56	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/22/22 06:56	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/22/22 06:56	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 06:56	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/22/22 06:56	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/22/22 06:56	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-2-5-D
Date Collected: 04/18/22 09:25
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-4
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/22/22 06:56	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 06:56	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 06:56	1
2-Butanone	ND		1.5		ppb v/v			04/22/22 06:56	1
2-Hexanone	ND		1.5		ppb v/v			04/22/22 06:56	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/22/22 06:56	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/22/22 06:56	1
Acetone	**6.8**		2.0		ppb v/v			04/22/22 06:56	1
Benzene	ND		0.50		ppb v/v			04/22/22 06:56	1
Benzyl chloride	ND		1.5		ppb v/v			04/22/22 06:56	1
Bromodichloromethane	ND		0.50		ppb v/v			04/22/22 06:56	1
Bromoform	ND		0.50		ppb v/v			04/22/22 06:56	1
Bromomethane	ND		0.50		ppb v/v			04/22/22 06:56	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 06:56	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/22/22 06:56	1
Carbon disulfide	ND		2.0		ppb v/v			04/22/22 06:56	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/22/22 06:56	1
Chlorobenzene	ND		0.50		ppb v/v			04/22/22 06:56	1
Chloroethane	ND		0.50		ppb v/v			04/22/22 06:56	1
Chloroform	ND		0.50		ppb v/v			04/22/22 06:56	1
Chloromethane	ND		0.50		ppb v/v			04/22/22 06:56	1
Dibromochloromethane	ND		0.50		ppb v/v			04/22/22 06:56	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/22/22 06:56	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/22/22 06:56	1
Ethylbenzene	ND		0.50		ppb v/v			04/22/22 06:56	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/22/22 06:56	1
Isopropanol	ND		5.0		ppb v/v			04/22/22 06:56	1
Methylene Chloride	ND		5.0		ppb v/v			04/22/22 06:56	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/22/22 06:56	1
n-Butylbenzene	ND		1.5		ppb v/v			04/22/22 06:56	1
o-Xylene	ND		0.50		ppb v/v			04/22/22 06:56	1
m,p-Xylene	ND		2.0		ppb v/v			04/22/22 06:56	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/22/22 06:56	1
Styrene	ND		1.5		ppb v/v			04/22/22 06:56	1
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 06:56	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/22/22 06:56	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/22/22 06:56	1
Tetrachloroethene	ND		0.50		ppb v/v			04/22/22 06:56	1
Toluene	**0.66**		0.50		ppb v/v			04/22/22 06:56	1
Trichloroethene	ND		0.50		ppb v/v			04/22/22 06:56	1
Trichlorofluoromethane	ND		1.0		ppb v/v			04/22/22 06:56	1
Vinyl acetate	ND		2.0		ppb v/v			04/22/22 06:56	1
Vinyl chloride	ND		0.50		ppb v/v			04/22/22 06:56	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/22/22 06:56	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/22/22 06:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/22/22 06:56	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/22/22 06:56	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-2-5-D
Date Collected: 04/18/22 09:25
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-4
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		2.0		ug/m3			04/22/22 06:56	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/22/22 06:56	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/22/22 06:56	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/22/22 06:56	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/22/22 06:56	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/22/22 06:56	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/22/22 06:56	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 06:56	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/22/22 06:56	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/22/22 06:56	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/22/22 06:56	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 06:56	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 06:56	1
2-Butanone	ND		4.4		ug/m3			04/22/22 06:56	1
2-Hexanone	ND		6.1		ug/m3			04/22/22 06:56	1
4-Ethyltoluene	ND		2.5		ug/m3			04/22/22 06:56	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/22/22 06:56	1
Acetone	**16**		4.8		ug/m3			04/22/22 06:56	1
Benzene	ND		1.6		ug/m3			04/22/22 06:56	1
Benzyl chloride	ND		7.8		ug/m3			04/22/22 06:56	1
Bromodichloromethane	ND		3.4		ug/m3			04/22/22 06:56	1
Bromoform	ND		5.2		ug/m3			04/22/22 06:56	1
Bromomethane	ND		1.9		ug/m3			04/22/22 06:56	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 06:56	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/22/22 06:56	1
Carbon disulfide	ND		6.2		ug/m3			04/22/22 06:56	1
Carbon tetrachloride	ND		3.1		ug/m3			04/22/22 06:56	1
Chlorobenzene	ND		2.3		ug/m3			04/22/22 06:56	1
Chloroethane	ND		1.3		ug/m3			04/22/22 06:56	1
Chloroform	ND		2.4		ug/m3			04/22/22 06:56	1
Chloromethane	ND		1.0		ug/m3			04/22/22 06:56	1
Dibromochloromethane	ND		4.3		ug/m3			04/22/22 06:56	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/22/22 06:56	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/22/22 06:56	1
Ethylbenzene	ND		2.2		ug/m3			04/22/22 06:56	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/22/22 06:56	1
Isopropanol	ND		12		ug/m3			04/22/22 06:56	1
Methylene Chloride	ND		17		ug/m3			04/22/22 06:56	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/22/22 06:56	1
n-Butylbenzene	ND		8.2		ug/m3			04/22/22 06:56	1
o-Xylene	ND		2.2		ug/m3			04/22/22 06:56	1
m,p-Xylene	ND		8.7		ug/m3			04/22/22 06:56	1
sec-Butylbenzene	ND		8.2		ug/m3			04/22/22 06:56	1
Styrene	ND		6.4		ug/m3			04/22/22 06:56	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 06:56	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/22/22 06:56	1
tert-Butylbenzene	ND		8.2		ug/m3			04/22/22 06:56	1
Tetrachloroethene	ND		3.4		ug/m3			04/22/22 06:56	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-2-5-D
Date Collected: 04/18/22 09:25
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-4
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**2.5**		1.9		ug/m3			04/22/22 06:56	1
Trichloroethene	ND		2.7		ug/m3			04/22/22 06:56	1
Trichlorofluoromethane	ND		5.6		ug/m3			04/22/22 06:56	1
Vinyl acetate	ND		7.0		ug/m3			04/22/22 06:56	1
Vinyl chloride	ND		1.3		ug/m3			04/22/22 06:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 132*		*04/22/22 06:56*	*1*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*		*04/22/22 06:56*	*1*
Toluene-d8 (Surr)	*119*		*70 - 130*		*04/22/22 06:56*	*1*

Client Sample ID: SV-2-15
Date Collected: 04/18/22 09:49
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-5
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/22/22 07:52	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/22/22 07:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/22/22 07:52	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/22/22 07:52	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/22/22 07:52	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/22/22 07:52	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/22/22 07:52	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/22/22 07:52	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/22/22 07:52	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/22/22 07:52	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/22/22 07:52	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 07:52	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/22/22 07:52	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/22/22 07:52	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/22/22 07:52	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 07:52	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 07:52	1
2-Butanone	**1.6**		1.5		ppb v/v			04/22/22 07:52	1
2-Hexanone	ND		1.5		ppb v/v			04/22/22 07:52	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/22/22 07:52	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/22/22 07:52	1
Acetone	**9.9**		2.0		ppb v/v			04/22/22 07:52	1
Benzene	ND		0.50		ppb v/v			04/22/22 07:52	1
Benzyl chloride	ND		1.5		ppb v/v			04/22/22 07:52	1
Bromodichloromethane	ND		0.50		ppb v/v			04/22/22 07:52	1
Bromoform	ND		0.50		ppb v/v			04/22/22 07:52	1
Bromomethane	ND		0.50		ppb v/v			04/22/22 07:52	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 07:52	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/22/22 07:52	1
Carbon disulfide	ND		2.0		ppb v/v			04/22/22 07:52	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/22/22 07:52	1
Chlorobenzene	ND		0.50		ppb v/v			04/22/22 07:52	1
Chloroethane	ND		0.50		ppb v/v			04/22/22 07:52	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-2-15
Date Collected: 04/18/22 09:49
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-5
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.50		ppb v/v			04/22/22 07:52	1
Chloromethane	ND		0.50		ppb v/v			04/22/22 07:52	1
Dibromochloromethane	ND		0.50		ppb v/v			04/22/22 07:52	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/22/22 07:52	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/22/22 07:52	1
Ethylbenzene	ND		0.50		ppb v/v			04/22/22 07:52	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/22/22 07:52	1
Isopropanol	ND		5.0		ppb v/v			04/22/22 07:52	1
Methylene Chloride	ND		5.0		ppb v/v			04/22/22 07:52	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/22/22 07:52	1
n-Butylbenzene	ND		1.5		ppb v/v			04/22/22 07:52	1
o-Xylene	ND		0.50		ppb v/v			04/22/22 07:52	1
m,p-Xylene	ND		2.0		ppb v/v			04/22/22 07:52	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/22/22 07:52	1
Styrene	ND		1.5		ppb v/v			04/22/22 07:52	1
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 07:52	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/22/22 07:52	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/22/22 07:52	1
Tetrachloroethene	**0.56**		0.50		ppb v/v			04/22/22 07:52	1
Toluene	**1.0**		0.50		ppb v/v			04/22/22 07:52	1
Trichloroethene	ND		0.50		ppb v/v			04/22/22 07:52	1
Trichlorofluoromethane	**20**		1.0		ppb v/v			04/22/22 07:52	1
Vinyl acetate	ND		2.0		ppb v/v			04/22/22 07:52	1
Vinyl chloride	ND		0.50		ppb v/v			04/22/22 07:52	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/22/22 07:52	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/22/22 07:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/22/22 07:52	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/22/22 07:52	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/22/22 07:52	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/22/22 07:52	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/22/22 07:52	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/22/22 07:52	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/22/22 07:52	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/22/22 07:52	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/22/22 07:52	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 07:52	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/22/22 07:52	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/22/22 07:52	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/22/22 07:52	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 07:52	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 07:52	1
2-Butanone	**4.7**		4.4		ug/m3			04/22/22 07:52	1
2-Hexanone	ND		6.1		ug/m3			04/22/22 07:52	1
4-Ethyltoluene	ND		2.5		ug/m3			04/22/22 07:52	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/22/22 07:52	1
Acetone	**24**		4.8		ug/m3			04/22/22 07:52	1
Benzene	ND		1.6		ug/m3			04/22/22 07:52	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-2-15
Date Collected: 04/18/22 09:49
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-5
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		7.8		ug/m3			04/22/22 07:52	1
Bromodichloromethane	ND		3.4		ug/m3			04/22/22 07:52	1
Bromoform	ND		5.2		ug/m3			04/22/22 07:52	1
Bromomethane	ND		1.9		ug/m3			04/22/22 07:52	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 07:52	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/22/22 07:52	1
Carbon disulfide	ND		6.2		ug/m3			04/22/22 07:52	1
Carbon tetrachloride	ND		3.1		ug/m3			04/22/22 07:52	1
Chlorobenzene	ND		2.3		ug/m3			04/22/22 07:52	1
Chloroethane	ND		1.3		ug/m3			04/22/22 07:52	1
Chloroform	ND		2.4		ug/m3			04/22/22 07:52	1
Chloromethane	ND		1.0		ug/m3			04/22/22 07:52	1
Dibromochloromethane	ND		4.3		ug/m3			04/22/22 07:52	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/22/22 07:52	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/22/22 07:52	1
Ethylbenzene	ND		2.2		ug/m3			04/22/22 07:52	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/22/22 07:52	1
Isopropanol	ND		12		ug/m3			04/22/22 07:52	1
Methylene Chloride	ND		17		ug/m3			04/22/22 07:52	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/22/22 07:52	1
n-Butylbenzene	ND		8.2		ug/m3			04/22/22 07:52	1
o-Xylene	ND		2.2		ug/m3			04/22/22 07:52	1
m,p-Xylene	ND		8.7		ug/m3			04/22/22 07:52	1
sec-Butylbenzene	ND		8.2		ug/m3			04/22/22 07:52	1
Styrene	ND		6.4		ug/m3			04/22/22 07:52	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 07:52	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/22/22 07:52	1
tert-Butylbenzene	ND		8.2		ug/m3			04/22/22 07:52	1
Tetrachloroethene	**3.8**		3.4		ug/m3			04/22/22 07:52	1
Toluene	**3.8**		1.9		ug/m3			04/22/22 07:52	1
Trichloroethene	ND		2.7		ug/m3			04/22/22 07:52	1
Trichlorofluoromethane	**110**		5.6		ug/m3			04/22/22 07:52	1
Vinyl acetate	ND		7.0		ug/m3			04/22/22 07:52	1
Vinyl chloride	ND		1.3		ug/m3			04/22/22 07:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 132*		*04/22/22 07:52*	*1*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*		*04/22/22 07:52*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*04/22/22 07:52*	*1*

Client Sample ID: SV-4-5
Date Collected: 04/18/22 10:28
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-6
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/22/22 08:57	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/22/22 08:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/22/22 08:57	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/22/22 08:57	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-4-5
Date Collected: 04/18/22 10:28
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-6
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50		ppb v/v			04/22/22 08:57	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/22/22 08:57	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/22/22 08:57	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/22/22 08:57	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/22/22 08:57	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/22/22 08:57	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/22/22 08:57	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 08:57	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/22/22 08:57	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/22/22 08:57	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/22/22 08:57	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 08:57	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 08:57	1
2-Butanone	**5.9**		1.5		ppb v/v			04/22/22 08:57	1
2-Hexanone	ND		1.5		ppb v/v			04/22/22 08:57	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/22/22 08:57	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/22/22 08:57	1
Acetone	**26**		2.0		ppb v/v			04/22/22 08:57	1
Benzene	ND		0.50		ppb v/v			04/22/22 08:57	1
Benzyl chloride	ND		1.5		ppb v/v			04/22/22 08:57	1
Bromodichloromethane	ND		0.50		ppb v/v			04/22/22 08:57	1
Bromoform	ND		0.50		ppb v/v			04/22/22 08:57	1
Bromomethane	ND		0.50		ppb v/v			04/22/22 08:57	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 08:57	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/22/22 08:57	1
Carbon disulfide	ND		2.0		ppb v/v			04/22/22 08:57	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/22/22 08:57	1
Chlorobenzene	ND		0.50		ppb v/v			04/22/22 08:57	1
Chloroethane	**0.55**		0.50		ppb v/v			04/22/22 08:57	1
Chloroform	ND		0.50		ppb v/v			04/22/22 08:57	1
Chloromethane	**1.2**		0.50		ppb v/v			04/22/22 08:57	1
Dibromochloromethane	ND		0.50		ppb v/v			04/22/22 08:57	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/22/22 08:57	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/22/22 08:57	1
Ethylbenzene	ND		0.50		ppb v/v			04/22/22 08:57	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/22/22 08:57	1
Isopropanol	ND		5.0		ppb v/v			04/22/22 08:57	1
Methylene Chloride	ND		5.0		ppb v/v			04/22/22 08:57	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/22/22 08:57	1
n-Butylbenzene	ND		1.5		ppb v/v			04/22/22 08:57	1
o-Xylene	ND		0.50		ppb v/v			04/22/22 08:57	1
m,p-Xylene	ND		2.0		ppb v/v			04/22/22 08:57	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/22/22 08:57	1
Styrene	ND		1.5		ppb v/v			04/22/22 08:57	1
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 08:57	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/22/22 08:57	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/22/22 08:57	1
Tetrachloroethene	ND		0.50		ppb v/v			04/22/22 08:57	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-4-5
Date Collected: 04/18/22 10:28
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-6
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**0.62**		0.50		ppb v/v			04/22/22 08:57	1
Trichloroethene	ND		0.50		ppb v/v			04/22/22 08:57	1
Trichlorofluoromethane	**1.3**		1.0		ppb v/v			04/22/22 08:57	1
Vinyl acetate	ND		2.0		ppb v/v			04/22/22 08:57	1
Vinyl chloride	ND		0.50		ppb v/v			04/22/22 08:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/22/22 08:57	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/22/22 08:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/22/22 08:57	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/22/22 08:57	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/22/22 08:57	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/22/22 08:57	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/22/22 08:57	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/22/22 08:57	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/22/22 08:57	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/22/22 08:57	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/22/22 08:57	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 08:57	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/22/22 08:57	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/22/22 08:57	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/22/22 08:57	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 08:57	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 08:57	1
2-Butanone	**17**		4.4		ug/m3			04/22/22 08:57	1
2-Hexanone	ND		6.1		ug/m3			04/22/22 08:57	1
4-Ethyltoluene	ND		2.5		ug/m3			04/22/22 08:57	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/22/22 08:57	1
Acetone	**62**		4.8		ug/m3			04/22/22 08:57	1
Benzene	ND		1.6		ug/m3			04/22/22 08:57	1
Benzyl chloride	ND		7.8		ug/m3			04/22/22 08:57	1
Bromodichloromethane	ND		3.4		ug/m3			04/22/22 08:57	1
Bromoform	ND		5.2		ug/m3			04/22/22 08:57	1
Bromomethane	ND		1.9		ug/m3			04/22/22 08:57	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 08:57	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/22/22 08:57	1
Carbon disulfide	ND		6.2		ug/m3			04/22/22 08:57	1
Carbon tetrachloride	ND		3.1		ug/m3			04/22/22 08:57	1
Chlorobenzene	ND		2.3		ug/m3			04/22/22 08:57	1
Chloroethane	**1.4**		1.3		ug/m3			04/22/22 08:57	1
Chloroform	ND		2.4		ug/m3			04/22/22 08:57	1
Chloromethane	**2.6**		1.0		ug/m3			04/22/22 08:57	1
Dibromochloromethane	ND		4.3		ug/m3			04/22/22 08:57	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/22/22 08:57	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/22/22 08:57	1
Ethylbenzene	ND		2.2		ug/m3			04/22/22 08:57	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/22/22 08:57	1
Isopropanol	ND		12		ug/m3			04/22/22 08:57	1
Methylene Chloride	ND		17		ug/m3			04/22/22 08:57	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-4-5
Date Collected: 04/18/22 10:28
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-6
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/22/22 08:57	1
n-Butylbenzene	ND		8.2		ug/m3			04/22/22 08:57	1
o-Xylene	ND		2.2		ug/m3			04/22/22 08:57	1
m,p-Xylene	ND		8.7		ug/m3			04/22/22 08:57	1
sec-Butylbenzene	ND		8.2		ug/m3			04/22/22 08:57	1
Styrene	ND		6.4		ug/m3			04/22/22 08:57	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 08:57	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/22/22 08:57	1
tert-Butylbenzene	ND		8.2		ug/m3			04/22/22 08:57	1
Tetrachloroethene	ND		3.4		ug/m3			04/22/22 08:57	1
Toluene	**2.3**		1.9		ug/m3			04/22/22 08:57	1
Trichloroethene	ND		2.7		ug/m3			04/22/22 08:57	1
Trichlorofluoromethane	**7.0**		5.6		ug/m3			04/22/22 08:57	1
Vinyl acetate	ND		7.0		ug/m3			04/22/22 08:57	1
Vinyl chloride	ND		1.3		ug/m3			04/22/22 08:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 132*		*04/22/22 08:57*	*1*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*		*04/22/22 08:57*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*04/22/22 08:57*	*1*

Client Sample ID: SV-4-15
Date Collected: 04/18/22 10:24
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-7
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/22/22 09:54	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/22/22 09:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/22/22 09:54	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/22/22 09:54	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/22/22 09:54	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/22/22 09:54	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/22/22 09:54	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/22/22 09:54	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/22/22 09:54	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/22/22 09:54	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/22/22 09:54	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 09:54	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/22/22 09:54	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/22/22 09:54	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/22/22 09:54	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 09:54	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 09:54	1
2-Butanone	**1.6**		1.5		ppb v/v			04/22/22 09:54	1
2-Hexanone	ND		1.5		ppb v/v			04/22/22 09:54	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/22/22 09:54	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/22/22 09:54	1
Acetone	**11**		2.0		ppb v/v			04/22/22 09:54	1
Benzene	ND		0.50		ppb v/v			04/22/22 09:54	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-4-15
Date Collected: 04/18/22 10:24
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-7
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		1.5		ppb v/v			04/22/22 09:54	1
Bromodichloromethane	ND		0.50		ppb v/v			04/22/22 09:54	1
Bromoform	ND		0.50		ppb v/v			04/22/22 09:54	1
Bromomethane	ND		0.50		ppb v/v			04/22/22 09:54	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 09:54	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/22/22 09:54	1
Carbon disulfide	ND		2.0		ppb v/v			04/22/22 09:54	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/22/22 09:54	1
Chlorobenzene	ND		0.50		ppb v/v			04/22/22 09:54	1
Chloroethane	ND		0.50		ppb v/v			04/22/22 09:54	1
Chloroform	ND		0.50		ppb v/v			04/22/22 09:54	1
Chloromethane	ND		0.50		ppb v/v			04/22/22 09:54	1
Dibromochloromethane	ND		0.50		ppb v/v			04/22/22 09:54	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/22/22 09:54	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/22/22 09:54	1
Ethylbenzene	ND		0.50		ppb v/v			04/22/22 09:54	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/22/22 09:54	1
Isopropanol	ND		5.0		ppb v/v			04/22/22 09:54	1
Methylene Chloride	ND		5.0		ppb v/v			04/22/22 09:54	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/22/22 09:54	1
n-Butylbenzene	ND		1.5		ppb v/v			04/22/22 09:54	1
o-Xylene	ND		0.50		ppb v/v			04/22/22 09:54	1
m,p-Xylene	ND		2.0		ppb v/v			04/22/22 09:54	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/22/22 09:54	1
Styrene	ND		1.5		ppb v/v			04/22/22 09:54	1
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 09:54	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/22/22 09:54	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/22/22 09:54	1
Tetrachloroethene	ND		0.50		ppb v/v			04/22/22 09:54	1
Toluene	**1.1**		0.50		ppb v/v			04/22/22 09:54	1
Trichloroethene	ND		0.50		ppb v/v			04/22/22 09:54	1
Trichlorofluoromethane	**1.9**		1.0		ppb v/v			04/22/22 09:54	1
Vinyl acetate	ND		2.0		ppb v/v			04/22/22 09:54	1
Vinyl chloride	ND		0.50		ppb v/v			04/22/22 09:54	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/22/22 09:54	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/22/22 09:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/22/22 09:54	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/22/22 09:54	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/22/22 09:54	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/22/22 09:54	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/22/22 09:54	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/22/22 09:54	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/22/22 09:54	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/22/22 09:54	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/22/22 09:54	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 09:54	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/22/22 09:54	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-4-15
Date Collected: 04/18/22 10:24
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-7
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		2.3		ug/m3			04/22/22 09:54	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/22/22 09:54	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 09:54	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 09:54	1
2-Butanone	**4.9**		4.4		ug/m3			04/22/22 09:54	1
2-Hexanone	ND		6.1		ug/m3			04/22/22 09:54	1
4-Ethyltoluene	ND		2.5		ug/m3			04/22/22 09:54	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/22/22 09:54	1
Acetone	**27**		4.8		ug/m3			04/22/22 09:54	1
Benzene	ND		1.6		ug/m3			04/22/22 09:54	1
Benzyl chloride	ND		7.8		ug/m3			04/22/22 09:54	1
Bromodichloromethane	ND		3.4		ug/m3			04/22/22 09:54	1
Bromoform	ND		5.2		ug/m3			04/22/22 09:54	1
Bromomethane	ND		1.9		ug/m3			04/22/22 09:54	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 09:54	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/22/22 09:54	1
Carbon disulfide	ND		6.2		ug/m3			04/22/22 09:54	1
Carbon tetrachloride	ND		3.1		ug/m3			04/22/22 09:54	1
Chlorobenzene	ND		2.3		ug/m3			04/22/22 09:54	1
Chloroethane	ND		1.3		ug/m3			04/22/22 09:54	1
Chloroform	ND		2.4		ug/m3			04/22/22 09:54	1
Chloromethane	ND		1.0		ug/m3			04/22/22 09:54	1
Dibromochloromethane	ND		4.3		ug/m3			04/22/22 09:54	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/22/22 09:54	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/22/22 09:54	1
Ethylbenzene	ND		2.2		ug/m3			04/22/22 09:54	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/22/22 09:54	1
Isopropanol	ND		12		ug/m3			04/22/22 09:54	1
Methylene Chloride	ND		17		ug/m3			04/22/22 09:54	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/22/22 09:54	1
n-Butylbenzene	ND		8.2		ug/m3			04/22/22 09:54	1
o-Xylene	ND		2.2		ug/m3			04/22/22 09:54	1
m,p-Xylene	ND		8.7		ug/m3			04/22/22 09:54	1
sec-Butylbenzene	ND		8.2		ug/m3			04/22/22 09:54	1
Styrene	ND		6.4		ug/m3			04/22/22 09:54	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 09:54	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/22/22 09:54	1
tert-Butylbenzene	ND		8.2		ug/m3			04/22/22 09:54	1
Tetrachloroethene	ND		3.4		ug/m3			04/22/22 09:54	1
Toluene	**4.2**		1.9		ug/m3			04/22/22 09:54	1
Trichloroethene	ND		2.7		ug/m3			04/22/22 09:54	1
Trichlorofluoromethane	**11**		5.6		ug/m3			04/22/22 09:54	1
Vinyl acetate	ND		7.0		ug/m3			04/22/22 09:54	1
Vinyl chloride	ND		1.3		ug/m3			04/22/22 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 132*		*04/22/22 09:54*	*1*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*		*04/22/22 09:54*	*1*
Toluene-d8 (Surr)	*114*		*70 - 130*		*04/22/22 09:54*	*1*

Client: Roux Associates, Inc.
Job ID: 570-93118-1
Project/Site: First Indiustrial-Ontario / 3661.0016L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Client Sample ID: SV-6-5
Lab Sample ID: 570-93118-8
Date Collected: 04/18/22 11:26
Matrix: Air
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/22/22 10:42	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/22/22 10:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/22/22 10:42	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/22/22 10:42	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/22/22 10:42	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/22/22 10:42	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/22/22 10:42	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/22/22 10:42	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/22/22 10:42	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/22/22 10:42	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/22/22 10:42	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 10:42	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/22/22 10:42	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/22/22 10:42	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/22/22 10:42	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 10:42	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 10:42	1
2-Butanone	ND		1.5		ppb v/v			04/22/22 10:42	1
2-Hexanone	ND		1.5		ppb v/v			04/22/22 10:42	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/22/22 10:42	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/22/22 10:42	1
Acetone	**2.5**		2.0		ppb v/v			04/22/22 10:42	1
Benzene	ND		0.50		ppb v/v			04/22/22 10:42	1
Benzyl chloride	ND		1.5		ppb v/v			04/22/22 10:42	1
Bromodichloromethane	ND		0.50		ppb v/v			04/22/22 10:42	1
Bromoform	ND		0.50		ppb v/v			04/22/22 10:42	1
Bromomethane	ND		0.50		ppb v/v			04/22/22 10:42	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 10:42	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/22/22 10:42	1
Carbon disulfide	ND		2.0		ppb v/v			04/22/22 10:42	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/22/22 10:42	1
Chlorobenzene	ND		0.50		ppb v/v			04/22/22 10:42	1
Chloroethane	ND		0.50		ppb v/v			04/22/22 10:42	1
Chloroform	ND		0.50		ppb v/v			04/22/22 10:42	1
Chloromethane	ND		0.50		ppb v/v			04/22/22 10:42	1
Dibromochloromethane	ND		0.50		ppb v/v			04/22/22 10:42	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/22/22 10:42	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/22/22 10:42	1
Ethylbenzene	ND		0.50		ppb v/v			04/22/22 10:42	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/22/22 10:42	1
Isopropanol	ND		5.0		ppb v/v			04/22/22 10:42	1
Methylene Chloride	ND		5.0		ppb v/v			04/22/22 10:42	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/22/22 10:42	1
n-Butylbenzene	ND		1.5		ppb v/v			04/22/22 10:42	1
o-Xylene	ND		0.50		ppb v/v			04/22/22 10:42	1
m,p-Xylene	ND		2.0		ppb v/v			04/22/22 10:42	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/22/22 10:42	1
Styrene	ND		1.5		ppb v/v			04/22/22 10:42	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-6-5
Date Collected: 04/18/22 11:26
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-8
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 10:42	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/22/22 10:42	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/22/22 10:42	1
Tetrachloroethene	ND		0.50		ppb v/v			04/22/22 10:42	1
Toluene	ND		0.50		ppb v/v			04/22/22 10:42	1
Trichloroethene	ND		0.50		ppb v/v			04/22/22 10:42	1
Trichlorofluoromethane	ND		1.0		ppb v/v			04/22/22 10:42	1
Vinyl acetate	ND		2.0		ppb v/v			04/22/22 10:42	1
Vinyl chloride	ND		0.50		ppb v/v			04/22/22 10:42	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/22/22 10:42	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/22/22 10:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/22/22 10:42	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/22/22 10:42	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/22/22 10:42	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/22/22 10:42	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/22/22 10:42	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/22/22 10:42	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/22/22 10:42	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/22/22 10:42	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/22/22 10:42	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 10:42	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/22/22 10:42	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/22/22 10:42	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/22/22 10:42	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 10:42	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 10:42	1
2-Butanone	ND		4.4		ug/m3			04/22/22 10:42	1
2-Hexanone	ND		6.1		ug/m3			04/22/22 10:42	1
4-Ethyltoluene	ND		2.5		ug/m3			04/22/22 10:42	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/22/22 10:42	1
Acetone	**6.0**		4.8		ug/m3			04/22/22 10:42	1
Benzene	ND		1.6		ug/m3			04/22/22 10:42	1
Benzyl chloride	ND		7.8		ug/m3			04/22/22 10:42	1
Bromodichloromethane	ND		3.4		ug/m3			04/22/22 10:42	1
Bromoform	ND		5.2		ug/m3			04/22/22 10:42	1
Bromomethane	ND		1.9		ug/m3			04/22/22 10:42	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 10:42	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/22/22 10:42	1
Carbon disulfide	ND		6.2		ug/m3			04/22/22 10:42	1
Carbon tetrachloride	ND		3.1		ug/m3			04/22/22 10:42	1
Chlorobenzene	ND		2.3		ug/m3			04/22/22 10:42	1
Chloroethane	ND		1.3		ug/m3			04/22/22 10:42	1
Chloroform	ND		2.4		ug/m3			04/22/22 10:42	1
Chloromethane	ND		1.0		ug/m3			04/22/22 10:42	1
Dibromochloromethane	ND		4.3		ug/m3			04/22/22 10:42	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/22/22 10:42	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/22/22 10:42	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-6-5
Date Collected: 04/18/22 11:26
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-8
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		2.2		ug/m3			04/22/22 10:42	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/22/22 10:42	1
Isopropanol	ND		12		ug/m3			04/22/22 10:42	1
Methylene Chloride	ND		17		ug/m3			04/22/22 10:42	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/22/22 10:42	1
n-Butylbenzene	ND		8.2		ug/m3			04/22/22 10:42	1
o-Xylene	ND		2.2		ug/m3			04/22/22 10:42	1
m,p-Xylene	ND		8.7		ug/m3			04/22/22 10:42	1
sec-Butylbenzene	ND		8.2		ug/m3			04/22/22 10:42	1
Styrene	ND		6.4		ug/m3			04/22/22 10:42	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 10:42	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/22/22 10:42	1
tert-Butylbenzene	ND		8.2		ug/m3			04/22/22 10:42	1
Tetrachloroethene	ND		3.4		ug/m3			04/22/22 10:42	1
Toluene	ND		1.9		ug/m3			04/22/22 10:42	1
Trichloroethene	ND		2.7		ug/m3			04/22/22 10:42	1
Trichlorofluoromethane	ND		5.6		ug/m3			04/22/22 10:42	1
Vinyl acetate	ND		7.0		ug/m3			04/22/22 10:42	1
Vinyl chloride	ND		1.3		ug/m3			04/22/22 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 132*		*04/22/22 10:42*	*1*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*		*04/22/22 10:42*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*04/22/22 10:42*	*1*

Client Sample ID: SV-6-15
Date Collected: 04/18/22 11:13
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-9
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/22/22 11:40	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/22/22 11:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/22/22 11:40	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/22/22 11:40	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/22/22 11:40	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/22/22 11:40	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/22/22 11:40	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/22/22 11:40	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/22/22 11:40	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/22/22 11:40	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/22/22 11:40	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 11:40	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/22/22 11:40	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/22/22 11:40	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/22/22 11:40	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 11:40	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 11:40	1
2-Butanone	**5.7**		1.5		ppb v/v			04/22/22 11:40	1
2-Hexanone	ND		1.5		ppb v/v			04/22/22 11:40	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-6-15
Date Collected: 04/18/22 11:13
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-9
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		0.50		ppb v/v			04/22/22 11:40	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/22/22 11:40	1
Acetone	**43**		2.0		ppb v/v			04/22/22 11:40	1
Benzene	ND		0.50		ppb v/v			04/22/22 11:40	1
Benzyl chloride	ND		1.5		ppb v/v			04/22/22 11:40	1
Bromodichloromethane	ND		0.50		ppb v/v			04/22/22 11:40	1
Bromoform	ND		0.50		ppb v/v			04/22/22 11:40	1
Bromomethane	ND		0.50		ppb v/v			04/22/22 11:40	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 11:40	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/22/22 11:40	1
Carbon disulfide	ND		2.0		ppb v/v			04/22/22 11:40	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/22/22 11:40	1
Chlorobenzene	ND		0.50		ppb v/v			04/22/22 11:40	1
Chloroethane	ND		0.50		ppb v/v			04/22/22 11:40	1
Chloroform	ND		0.50		ppb v/v			04/22/22 11:40	1
Chloromethane	ND		0.50		ppb v/v			04/22/22 11:40	1
Dibromochloromethane	ND		0.50		ppb v/v			04/22/22 11:40	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/22/22 11:40	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/22/22 11:40	1
Ethylbenzene	ND		0.50		ppb v/v			04/22/22 11:40	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/22/22 11:40	1
Isopropanol	**5.7**		5.0		ppb v/v			04/22/22 11:40	1
Methylene Chloride	ND		5.0		ppb v/v			04/22/22 11:40	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/22/22 11:40	1
n-Butylbenzene	ND		1.5		ppb v/v			04/22/22 11:40	1
o-Xylene	**0.65**		0.50		ppb v/v			04/22/22 11:40	1
m,p-Xylene	ND		2.0		ppb v/v			04/22/22 11:40	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/22/22 11:40	1
Styrene	ND		1.5		ppb v/v			04/22/22 11:40	1
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 11:40	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/22/22 11:40	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/22/22 11:40	1
Tetrachloroethene	**0.91**		0.50		ppb v/v			04/22/22 11:40	1
Toluene	**1.7**		0.50		ppb v/v			04/22/22 11:40	1
Trichloroethene	ND		0.50		ppb v/v			04/22/22 11:40	1
Trichlorofluoromethane	**8.7**		1.0		ppb v/v			04/22/22 11:40	1
Vinyl acetate	ND		2.0		ppb v/v			04/22/22 11:40	1
Vinyl chloride	ND		0.50		ppb v/v			04/22/22 11:40	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/22/22 11:40	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/22/22 11:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/22/22 11:40	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/22/22 11:40	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/22/22 11:40	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/22/22 11:40	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/22/22 11:40	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/22/22 11:40	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/22/22 11:40	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-6-15
Date Collected: 04/18/22 11:13
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-9
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/22/22 11:40	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/22/22 11:40	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 11:40	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/22/22 11:40	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/22/22 11:40	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/22/22 11:40	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 11:40	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 11:40	1
2-Butanone	**17**		4.4		ug/m3			04/22/22 11:40	1
2-Hexanone	ND		6.1		ug/m3			04/22/22 11:40	1
4-Ethyltoluene	ND		2.5		ug/m3			04/22/22 11:40	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/22/22 11:40	1
Acetone	**100**		4.8		ug/m3			04/22/22 11:40	1
Benzene	ND		1.6		ug/m3			04/22/22 11:40	1
Benzyl chloride	ND		7.8		ug/m3			04/22/22 11:40	1
Bromodichloromethane	ND		3.4		ug/m3			04/22/22 11:40	1
Bromoform	ND		5.2		ug/m3			04/22/22 11:40	1
Bromomethane	ND		1.9		ug/m3			04/22/22 11:40	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 11:40	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/22/22 11:40	1
Carbon disulfide	ND		6.2		ug/m3			04/22/22 11:40	1
Carbon tetrachloride	ND		3.1		ug/m3			04/22/22 11:40	1
Chlorobenzene	ND		2.3		ug/m3			04/22/22 11:40	1
Chloroethane	ND		1.3		ug/m3			04/22/22 11:40	1
Chloroform	ND		2.4		ug/m3			04/22/22 11:40	1
Chloromethane	ND		1.0		ug/m3			04/22/22 11:40	1
Dibromochloromethane	ND		4.3		ug/m3			04/22/22 11:40	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/22/22 11:40	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/22/22 11:40	1
Ethylbenzene	ND		2.2		ug/m3			04/22/22 11:40	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/22/22 11:40	1
Isopropanol	**14**		12		ug/m3			04/22/22 11:40	1
Methylene Chloride	ND		17		ug/m3			04/22/22 11:40	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/22/22 11:40	1
n-Butylbenzene	ND		8.2		ug/m3			04/22/22 11:40	1
o-Xylene	**2.8**		2.2		ug/m3			04/22/22 11:40	1
m,p-Xylene	ND		8.7		ug/m3			04/22/22 11:40	1
sec-Butylbenzene	ND		8.2		ug/m3			04/22/22 11:40	1
Styrene	ND		6.4		ug/m3			04/22/22 11:40	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 11:40	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/22/22 11:40	1
tert-Butylbenzene	ND		8.2		ug/m3			04/22/22 11:40	1
Tetrachloroethene	**6.1**		3.4		ug/m3			04/22/22 11:40	1
Toluene	**6.3**		1.9		ug/m3			04/22/22 11:40	1
Trichloroethene	ND		2.7		ug/m3			04/22/22 11:40	1
Trichlorofluoromethane	**49**		5.6		ug/m3			04/22/22 11:40	1
Vinyl acetate	ND		7.0		ug/m3			04/22/22 11:40	1
Vinyl chloride	ND		1.3		ug/m3			04/22/22 11:40	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 132*		*04/22/22 11:40*	*1*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*		*04/22/22 11:40*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*04/22/22 11:40*	*1*

Client Sample ID: SV-9-5
Lab Sample ID: 570-93118-10
Date Collected: 04/18/22 12:47
Matrix: Air
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/22/22 12:34	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/22/22 12:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/22/22 12:34	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/22/22 12:34	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/22/22 12:34	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/22/22 12:34	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/22/22 12:34	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/22/22 12:34	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/22/22 12:34	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/22/22 12:34	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/22/22 12:34	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 12:34	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/22/22 12:34	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/22/22 12:34	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/22/22 12:34	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 12:34	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 12:34	1
2-Butanone	**3.0**		1.5		ppb v/v			04/22/22 12:34	1
2-Hexanone	ND		1.5		ppb v/v			04/22/22 12:34	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/22/22 12:34	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/22/22 12:34	1
Acetone	**14**		2.0		ppb v/v			04/22/22 12:34	1
Benzene	ND		0.50		ppb v/v			04/22/22 12:34	1
Benzyl chloride	ND		1.5		ppb v/v			04/22/22 12:34	1
Bromodichloromethane	ND		0.50		ppb v/v			04/22/22 12:34	1
Bromoform	ND		0.50		ppb v/v			04/22/22 12:34	1
Bromomethane	ND		0.50		ppb v/v			04/22/22 12:34	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 12:34	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/22/22 12:34	1
Carbon disulfide	ND		2.0		ppb v/v			04/22/22 12:34	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/22/22 12:34	1
Chlorobenzene	ND		0.50		ppb v/v			04/22/22 12:34	1
Chloroethane	ND		0.50		ppb v/v			04/22/22 12:34	1
Chloroform	ND		0.50		ppb v/v			04/22/22 12:34	1
Chloromethane	ND		0.50		ppb v/v			04/22/22 12:34	1
Dibromochloromethane	ND		0.50		ppb v/v			04/22/22 12:34	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/22/22 12:34	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/22/22 12:34	1
Ethylbenzene	ND		0.50		ppb v/v			04/22/22 12:34	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/22/22 12:34	1
Isopropanol	ND		5.0		ppb v/v			04/22/22 12:34	1
Methylene Chloride	ND		5.0		ppb v/v			04/22/22 12:34	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/22/22 12:34	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-9-5
Lab Sample ID: 570-93118-10
Date Collected: 04/18/22 12:47
Matrix: Air
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		1.5		ppb v/v			04/22/22 12:34	1
o-Xylene	ND		0.50		ppb v/v			04/22/22 12:34	1
m,p-Xylene	ND		2.0		ppb v/v			04/22/22 12:34	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/22/22 12:34	1
Styrene	ND		1.5		ppb v/v			04/22/22 12:34	1
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 12:34	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/22/22 12:34	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/22/22 12:34	1
Tetrachloroethene	**13**		0.50		ppb v/v			04/22/22 12:34	1
Toluene	**0.54**		0.50		ppb v/v			04/22/22 12:34	1
Trichloroethene	ND		0.50		ppb v/v			04/22/22 12:34	1
Trichlorofluoromethane	**2.3**		1.0		ppb v/v			04/22/22 12:34	1
Vinyl acetate	ND		2.0		ppb v/v			04/22/22 12:34	1
Vinyl chloride	ND		0.50		ppb v/v			04/22/22 12:34	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/22/22 12:34	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/22/22 12:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/22/22 12:34	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/22/22 12:34	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/22/22 12:34	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/22/22 12:34	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/22/22 12:34	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/22/22 12:34	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/22/22 12:34	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/22/22 12:34	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/22/22 12:34	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 12:34	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/22/22 12:34	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/22/22 12:34	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/22/22 12:34	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 12:34	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 12:34	1
2-Butanone	**8.7**		4.4		ug/m3			04/22/22 12:34	1
2-Hexanone	ND		6.1		ug/m3			04/22/22 12:34	1
4-Ethyltoluene	ND		2.5		ug/m3			04/22/22 12:34	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/22/22 12:34	1
Acetone	**34**		4.8		ug/m3			04/22/22 12:34	1
Benzene	ND		1.6		ug/m3			04/22/22 12:34	1
Benzyl chloride	ND		7.8		ug/m3			04/22/22 12:34	1
Bromodichloromethane	ND		3.4		ug/m3			04/22/22 12:34	1
Bromoform	ND		5.2		ug/m3			04/22/22 12:34	1
Bromomethane	ND		1.9		ug/m3			04/22/22 12:34	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 12:34	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/22/22 12:34	1
Carbon disulfide	ND		6.2		ug/m3			04/22/22 12:34	1
Carbon tetrachloride	ND		3.1		ug/m3			04/22/22 12:34	1
Chlorobenzene	ND		2.3		ug/m3			04/22/22 12:34	1
Chloroethane	ND		1.3		ug/m3			04/22/22 12:34	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-9-5
Lab Sample ID: 570-93118-10
Date Collected: 04/18/22 12:47
Matrix: Air
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		2.4		ug/m3			04/22/22 12:34	1
Chloromethane	ND		1.0		ug/m3			04/22/22 12:34	1
Dibromochloromethane	ND		4.3		ug/m3			04/22/22 12:34	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/22/22 12:34	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/22/22 12:34	1
Ethylbenzene	ND		2.2		ug/m3			04/22/22 12:34	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/22/22 12:34	1
Isopropanol	ND		12		ug/m3			04/22/22 12:34	1
Methylene Chloride	ND		17		ug/m3			04/22/22 12:34	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/22/22 12:34	1
n-Butylbenzene	ND		8.2		ug/m3			04/22/22 12:34	1
o-Xylene	ND		2.2		ug/m3			04/22/22 12:34	1
m,p-Xylene	ND		8.7		ug/m3			04/22/22 12:34	1
sec-Butylbenzene	ND		8.2		ug/m3			04/22/22 12:34	1
Styrene	ND		6.4		ug/m3			04/22/22 12:34	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 12:34	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/22/22 12:34	1
tert-Butylbenzene	ND		8.2		ug/m3			04/22/22 12:34	1
Tetrachloroethene	**86**		3.4		ug/m3			04/22/22 12:34	1
Toluene	**2.0**		1.9		ug/m3			04/22/22 12:34	1
Trichloroethene	ND		2.7		ug/m3			04/22/22 12:34	1
Trichlorofluoromethane	**13**		5.6		ug/m3			04/22/22 12:34	1
Vinyl acetate	ND		7.0		ug/m3			04/22/22 12:34	1
Vinyl chloride	ND		1.3		ug/m3			04/22/22 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 132*		*04/22/22 12:34*	*1*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*		*04/22/22 12:34*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*04/22/22 12:34*	*1*

Client Sample ID: SV-9-15
Lab Sample ID: 570-93118-11
Date Collected: 04/18/22 13:39
Matrix: Air
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/22/22 22:42	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/22/22 22:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/22/22 22:42	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/22/22 22:42	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/22/22 22:42	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/22/22 22:42	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/22/22 22:42	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/22/22 22:42	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/22/22 22:42	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/22/22 22:42	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/22/22 22:42	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 22:42	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/22/22 22:42	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/22/22 22:42	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-9-15
Date Collected: 04/18/22 13:39
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-11
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/22/22 22:42	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 22:42	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 22:42	1
2-Butanone	**5.3**		1.5		ppb v/v			04/22/22 22:42	1
2-Hexanone	ND		1.5		ppb v/v			04/22/22 22:42	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/22/22 22:42	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/22/22 22:42	1
Acetone	**24**		2.0		ppb v/v			04/22/22 22:42	1
Benzene	ND		0.50		ppb v/v			04/22/22 22:42	1
Benzyl chloride	ND	*-	1.5		ppb v/v			04/22/22 22:42	1
Bromodichloromethane	ND		0.50		ppb v/v			04/22/22 22:42	1
Bromoform	ND		0.50		ppb v/v			04/22/22 22:42	1
Bromomethane	ND		0.50		ppb v/v			04/22/22 22:42	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 22:42	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/22/22 22:42	1
Carbon disulfide	ND		2.0		ppb v/v			04/22/22 22:42	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/22/22 22:42	1
Chlorobenzene	ND		0.50		ppb v/v			04/22/22 22:42	1
Chloroethane	ND		0.50		ppb v/v			04/22/22 22:42	1
Chloroform	ND		0.50		ppb v/v			04/22/22 22:42	1
Chloromethane	ND		0.50		ppb v/v			04/22/22 22:42	1
Dibromochloromethane	ND		0.50		ppb v/v			04/22/22 22:42	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/22/22 22:42	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/22/22 22:42	1
Ethylbenzene	ND		0.50		ppb v/v			04/22/22 22:42	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/22/22 22:42	1
Isopropanol	ND		5.0		ppb v/v			04/22/22 22:42	1
Methylene Chloride	ND		5.0		ppb v/v			04/22/22 22:42	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/22/22 22:42	1
n-Butylbenzene	ND		1.5		ppb v/v			04/22/22 22:42	1
o-Xylene	ND		0.50		ppb v/v			04/22/22 22:42	1
m,p-Xylene	ND		2.0		ppb v/v			04/22/22 22:42	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/22/22 22:42	1
Styrene	ND		1.5		ppb v/v			04/22/22 22:42	1
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 22:42	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/22/22 22:42	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/22/22 22:42	1
Tetrachloroethene	**0.83**		0.50		ppb v/v			04/22/22 22:42	1
Toluene	ND		0.50		ppb v/v			04/22/22 22:42	1
Trichloroethene	ND		0.50		ppb v/v			04/22/22 22:42	1
Trichlorofluoromethane	**3.2**		1.0		ppb v/v			04/22/22 22:42	1
Vinyl acetate	ND		2.0		ppb v/v			04/22/22 22:42	1
Vinyl chloride	ND		0.50		ppb v/v			04/22/22 22:42	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/22/22 22:42	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/22/22 22:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/22/22 22:42	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/22/22 22:42	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-9-15
Date Collected: 04/18/22 13:39
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-11
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		2.0		ug/m3			04/22/22 22:42	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/22/22 22:42	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/22/22 22:42	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/22/22 22:42	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/22/22 22:42	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/22/22 22:42	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/22/22 22:42	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 22:42	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/22/22 22:42	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/22/22 22:42	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/22/22 22:42	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 22:42	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 22:42	1
2-Butanone	**16**		4.4		ug/m3			04/22/22 22:42	1
2-Hexanone	ND		6.1		ug/m3			04/22/22 22:42	1
4-Ethyltoluene	ND		2.5		ug/m3			04/22/22 22:42	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/22/22 22:42	1
Acetone	**57**		4.8		ug/m3			04/22/22 22:42	1
Benzene	ND		1.6		ug/m3			04/22/22 22:42	1
Benzyl chloride	ND	*-	7.8		ug/m3			04/22/22 22:42	1
Bromodichloromethane	ND		3.4		ug/m3			04/22/22 22:42	1
Bromoform	ND		5.2		ug/m3			04/22/22 22:42	1
Bromomethane	ND		1.9		ug/m3			04/22/22 22:42	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 22:42	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/22/22 22:42	1
Carbon disulfide	ND		6.2		ug/m3			04/22/22 22:42	1
Carbon tetrachloride	ND		3.1		ug/m3			04/22/22 22:42	1
Chlorobenzene	ND		2.3		ug/m3			04/22/22 22:42	1
Chloroethane	ND		1.3		ug/m3			04/22/22 22:42	1
Chloroform	ND		2.4		ug/m3			04/22/22 22:42	1
Chloromethane	ND		1.0		ug/m3			04/22/22 22:42	1
Dibromochloromethane	ND		4.3		ug/m3			04/22/22 22:42	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/22/22 22:42	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/22/22 22:42	1
Ethylbenzene	ND		2.2		ug/m3			04/22/22 22:42	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/22/22 22:42	1
Isopropanol	ND		12		ug/m3			04/22/22 22:42	1
Methylene Chloride	ND		17		ug/m3			04/22/22 22:42	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/22/22 22:42	1
n-Butylbenzene	ND		8.2		ug/m3			04/22/22 22:42	1
o-Xylene	ND		2.2		ug/m3			04/22/22 22:42	1
m,p-Xylene	ND		8.7		ug/m3			04/22/22 22:42	1
sec-Butylbenzene	ND		8.2		ug/m3			04/22/22 22:42	1
Styrene	ND		6.4		ug/m3			04/22/22 22:42	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 22:42	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/22/22 22:42	1
tert-Butylbenzene	ND		8.2		ug/m3			04/22/22 22:42	1
Tetrachloroethene	**5.7**		3.4		ug/m3			04/22/22 22:42	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-9-15
Date Collected: 04/18/22 13:39
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-11
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.9		ug/m3			04/22/22 22:42	1
Trichloroethene	ND		2.7		ug/m3			04/22/22 22:42	1
Trichlorofluoromethane	**18**		5.6		ug/m3			04/22/22 22:42	1
Vinyl acetate	ND		7.0		ug/m3			04/22/22 22:42	1
Vinyl chloride	ND		1.3		ug/m3			04/22/22 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 132*		*04/22/22 22:42*	*1*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*		*04/22/22 22:42*	*1*
Toluene-d8 (Surr)	*121*		*70 - 130*		*04/22/22 22:42*	*1*

Client Sample ID: SV-7-5
Date Collected: 04/18/22 13:30
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-12
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/22/22 23:43	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/22/22 23:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/22/22 23:43	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/22/22 23:43	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/22/22 23:43	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/22/22 23:43	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/22/22 23:43	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/22/22 23:43	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/22/22 23:43	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/22/22 23:43	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/22/22 23:43	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 23:43	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/22/22 23:43	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/22/22 23:43	1
1,3,5-Trimethylbenzene	**0.51**		0.50		ppb v/v			04/22/22 23:43	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 23:43	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 23:43	1
2-Butanone	**4.1**		1.5		ppb v/v			04/22/22 23:43	1
2-Hexanone	ND		1.5		ppb v/v			04/22/22 23:43	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/22/22 23:43	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/22/22 23:43	1
Acetone	**23**		2.0		ppb v/v			04/22/22 23:43	1
Benzene	ND		0.50		ppb v/v			04/22/22 23:43	1
Benzyl chloride	ND	*-	1.5		ppb v/v			04/22/22 23:43	1
Bromodichloromethane	ND		0.50		ppb v/v			04/22/22 23:43	1
Bromoform	ND		0.50		ppb v/v			04/22/22 23:43	1
Bromomethane	ND		0.50		ppb v/v			04/22/22 23:43	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 23:43	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/22/22 23:43	1
Carbon disulfide	ND		2.0		ppb v/v			04/22/22 23:43	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/22/22 23:43	1
Chlorobenzene	ND		0.50		ppb v/v			04/22/22 23:43	1
Chloroethane	ND		0.50		ppb v/v			04/22/22 23:43	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-7-5
Date Collected: 04/18/22 13:30
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-12
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.50		ppb v/v			04/22/22 23:43	1
Chloromethane	ND		0.50		ppb v/v			04/22/22 23:43	1
Dibromochloromethane	ND		0.50		ppb v/v			04/22/22 23:43	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/22/22 23:43	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/22/22 23:43	1
Ethylbenzene	**0.68**		0.50		ppb v/v			04/22/22 23:43	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/22/22 23:43	1
Isopropanol	ND		5.0		ppb v/v			04/22/22 23:43	1
Methylene Chloride	ND		5.0		ppb v/v			04/22/22 23:43	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/22/22 23:43	1
n-Butylbenzene	ND		1.5		ppb v/v			04/22/22 23:43	1
o-Xylene	**0.71**		0.50		ppb v/v			04/22/22 23:43	1
m,p-Xylene	**2.6**		2.0		ppb v/v			04/22/22 23:43	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/22/22 23:43	1
Styrene	ND		1.5		ppb v/v			04/22/22 23:43	1
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 23:43	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/22/22 23:43	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/22/22 23:43	1
Tetrachloroethene	**31**		0.50		ppb v/v			04/22/22 23:43	1
Toluene	**1.2**		0.50		ppb v/v			04/22/22 23:43	1
Trichloroethene	ND		0.50		ppb v/v			04/22/22 23:43	1
Trichlorofluoromethane	**13**		1.0		ppb v/v			04/22/22 23:43	1
Vinyl acetate	ND		2.0		ppb v/v			04/22/22 23:43	1
Vinyl chloride	ND		0.50		ppb v/v			04/22/22 23:43	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/22/22 23:43	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/22/22 23:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/22/22 23:43	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/22/22 23:43	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/22/22 23:43	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/22/22 23:43	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/22/22 23:43	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/22/22 23:43	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/22/22 23:43	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/22/22 23:43	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/22/22 23:43	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 23:43	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/22/22 23:43	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/22/22 23:43	1
1,3,5-Trimethylbenzene	**2.5**		2.5		ug/m3			04/22/22 23:43	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 23:43	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 23:43	1
2-Butanone	**12**		4.4		ug/m3			04/22/22 23:43	1
2-Hexanone	ND		6.1		ug/m3			04/22/22 23:43	1
4-Ethyltoluene	ND		2.5		ug/m3			04/22/22 23:43	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/22/22 23:43	1
Acetone	**54**		4.8		ug/m3			04/22/22 23:43	1
Benzene	ND		1.6		ug/m3			04/22/22 23:43	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-7-5
Date Collected: 04/18/22 13:30
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-12
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND	*-	7.8		ug/m3			04/22/22 23:43	1
Bromodichloromethane	ND		3.4		ug/m3			04/22/22 23:43	1
Bromoform	ND		5.2		ug/m3			04/22/22 23:43	1
Bromomethane	ND		1.9		ug/m3			04/22/22 23:43	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 23:43	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/22/22 23:43	1
Carbon disulfide	ND		6.2		ug/m3			04/22/22 23:43	1
Carbon tetrachloride	ND		3.1		ug/m3			04/22/22 23:43	1
Chlorobenzene	ND		2.3		ug/m3			04/22/22 23:43	1
Chloroethane	ND		1.3		ug/m3			04/22/22 23:43	1
Chloroform	ND		2.4		ug/m3			04/22/22 23:43	1
Chloromethane	ND		1.0		ug/m3			04/22/22 23:43	1
Dibromochloromethane	ND		4.3		ug/m3			04/22/22 23:43	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/22/22 23:43	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/22/22 23:43	1
Ethylbenzene	**3.0**		2.2		ug/m3			04/22/22 23:43	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/22/22 23:43	1
Isopropanol	ND		12		ug/m3			04/22/22 23:43	1
Methylene Chloride	ND		17		ug/m3			04/22/22 23:43	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/22/22 23:43	1
n-Butylbenzene	ND		8.2		ug/m3			04/22/22 23:43	1
o-Xylene	**3.1**		2.2		ug/m3			04/22/22 23:43	1
m,p-Xylene	**11**		8.7		ug/m3			04/22/22 23:43	1
sec-Butylbenzene	ND		8.2		ug/m3			04/22/22 23:43	1
Styrene	ND		6.4		ug/m3			04/22/22 23:43	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 23:43	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/22/22 23:43	1
tert-Butylbenzene	ND		8.2		ug/m3			04/22/22 23:43	1
Tetrachloroethene	**210**		3.4		ug/m3			04/22/22 23:43	1
Toluene	**4.4**		1.9		ug/m3			04/22/22 23:43	1
Trichloroethene	ND		2.7		ug/m3			04/22/22 23:43	1
Trichlorofluoromethane	**71**		5.6		ug/m3			04/22/22 23:43	1
Vinyl acetate	ND		7.0		ug/m3			04/22/22 23:43	1
Vinyl chloride	ND		1.3		ug/m3			04/22/22 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 132*		*04/22/22 23:43*	*1*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*		*04/22/22 23:43*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*04/22/22 23:43*	*1*

Client Sample ID: SV-7-15
Date Collected: 04/18/22 13:19
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-13
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/23/22 00:43	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/23/22 00:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/23/22 00:43	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/23/22 00:43	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-7-15
Date Collected: 04/18/22 13:19
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-13
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50		ppb v/v			04/23/22 00:43	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/23/22 00:43	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/23/22 00:43	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/23/22 00:43	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/23/22 00:43	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/23/22 00:43	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/23/22 00:43	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/23/22 00:43	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/23/22 00:43	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/23/22 00:43	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/23/22 00:43	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/23/22 00:43	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/23/22 00:43	1
2-Butanone	**5.4**		1.5		ppb v/v			04/23/22 00:43	1
2-Hexanone	ND		1.5		ppb v/v			04/23/22 00:43	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/23/22 00:43	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/23/22 00:43	1
Acetone	**17**		2.0		ppb v/v			04/23/22 00:43	1
Benzene	ND		0.50		ppb v/v			04/23/22 00:43	1
Benzyl chloride	ND	*-	1.5		ppb v/v			04/23/22 00:43	1
Bromodichloromethane	ND		0.50		ppb v/v			04/23/22 00:43	1
Bromoform	ND		0.50		ppb v/v			04/23/22 00:43	1
Bromomethane	ND		0.50		ppb v/v			04/23/22 00:43	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/23/22 00:43	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/23/22 00:43	1
Carbon disulfide	ND		2.0		ppb v/v			04/23/22 00:43	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/23/22 00:43	1
Chlorobenzene	ND		0.50		ppb v/v			04/23/22 00:43	1
Chloroethane	ND		0.50		ppb v/v			04/23/22 00:43	1
Chloroform	ND		0.50		ppb v/v			04/23/22 00:43	1
Chloromethane	ND		0.50		ppb v/v			04/23/22 00:43	1
Dibromochloromethane	ND		0.50		ppb v/v			04/23/22 00:43	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/23/22 00:43	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/23/22 00:43	1
Ethylbenzene	ND		0.50		ppb v/v			04/23/22 00:43	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/23/22 00:43	1
Isopropanol	ND		5.0		ppb v/v			04/23/22 00:43	1
Methylene Chloride	ND		5.0		ppb v/v			04/23/22 00:43	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/23/22 00:43	1
n-Butylbenzene	ND		1.5		ppb v/v			04/23/22 00:43	1
o-Xylene	ND		0.50		ppb v/v			04/23/22 00:43	1
m,p-Xylene	ND		2.0		ppb v/v			04/23/22 00:43	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/23/22 00:43	1
Styrene	ND		1.5		ppb v/v			04/23/22 00:43	1
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/23/22 00:43	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/23/22 00:43	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/23/22 00:43	1
Tetrachloroethene	**1.4**		0.50		ppb v/v			04/23/22 00:43	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-7-15
Date Collected: 04/18/22 13:19
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-13
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ppb v/v			04/23/22 00:43	1
Trichloroethene	ND		0.50		ppb v/v			04/23/22 00:43	1
Trichlorofluoromethane	**14**		1.0		ppb v/v			04/23/22 00:43	1
Vinyl acetate	ND		2.0		ppb v/v			04/23/22 00:43	1
Vinyl chloride	ND		0.50		ppb v/v			04/23/22 00:43	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/23/22 00:43	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/23/22 00:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/23/22 00:43	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/23/22 00:43	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/23/22 00:43	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/23/22 00:43	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/23/22 00:43	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/23/22 00:43	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/23/22 00:43	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/23/22 00:43	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/23/22 00:43	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/23/22 00:43	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/23/22 00:43	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/23/22 00:43	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/23/22 00:43	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/23/22 00:43	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/23/22 00:43	1
2-Butanone	**16**		4.4		ug/m3			04/23/22 00:43	1
2-Hexanone	ND		6.1		ug/m3			04/23/22 00:43	1
4-Ethyltoluene	ND		2.5		ug/m3			04/23/22 00:43	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/23/22 00:43	1
Acetone	**39**		4.8		ug/m3			04/23/22 00:43	1
Benzene	ND		1.6		ug/m3			04/23/22 00:43	1
Benzyl chloride	ND	*-	7.8		ug/m3			04/23/22 00:43	1
Bromodichloromethane	ND		3.4		ug/m3			04/23/22 00:43	1
Bromoform	ND		5.2		ug/m3			04/23/22 00:43	1
Bromomethane	ND		1.9		ug/m3			04/23/22 00:43	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/23/22 00:43	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/23/22 00:43	1
Carbon disulfide	ND		6.2		ug/m3			04/23/22 00:43	1
Carbon tetrachloride	ND		3.1		ug/m3			04/23/22 00:43	1
Chlorobenzene	ND		2.3		ug/m3			04/23/22 00:43	1
Chloroethane	ND		1.3		ug/m3			04/23/22 00:43	1
Chloroform	ND		2.4		ug/m3			04/23/22 00:43	1
Chloromethane	ND		1.0		ug/m3			04/23/22 00:43	1
Dibromochloromethane	ND		4.3		ug/m3			04/23/22 00:43	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/23/22 00:43	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/23/22 00:43	1
Ethylbenzene	ND		2.2		ug/m3			04/23/22 00:43	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/23/22 00:43	1
Isopropanol	ND		12		ug/m3			04/23/22 00:43	1
Methylene Chloride	ND		17		ug/m3			04/23/22 00:43	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-7-15
Date Collected: 04/18/22 13:19
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-13
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/23/22 00:43	1
n-Butylbenzene	ND		8.2		ug/m3			04/23/22 00:43	1
o-Xylene	ND		2.2		ug/m3			04/23/22 00:43	1
m,p-Xylene	ND		8.7		ug/m3			04/23/22 00:43	1
sec-Butylbenzene	ND		8.2		ug/m3			04/23/22 00:43	1
Styrene	ND		6.4		ug/m3			04/23/22 00:43	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/23/22 00:43	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/23/22 00:43	1
tert-Butylbenzene	ND		8.2		ug/m3			04/23/22 00:43	1
Tetrachloroethene	**9.8**		3.4		ug/m3			04/23/22 00:43	1
Toluene	ND		1.9		ug/m3			04/23/22 00:43	1
Trichloroethene	ND		2.7		ug/m3			04/23/22 00:43	1
Trichlorofluoromethane	**80**		5.6		ug/m3			04/23/22 00:43	1
Vinyl acetate	ND		7.0		ug/m3			04/23/22 00:43	1
Vinyl chloride	ND		1.3		ug/m3			04/23/22 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 132*		*04/23/22 00:43*	*1*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*		*04/23/22 00:43*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*04/23/22 00:43*	*1*

Client Sample ID: SV-8-5
Date Collected: 04/18/22 14:16
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-14
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/23/22 01:33	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/23/22 01:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/23/22 01:33	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/23/22 01:33	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/23/22 01:33	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/23/22 01:33	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/23/22 01:33	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/23/22 01:33	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/23/22 01:33	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/23/22 01:33	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/23/22 01:33	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/23/22 01:33	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/23/22 01:33	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/23/22 01:33	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/23/22 01:33	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/23/22 01:33	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/23/22 01:33	1
2-Butanone	**1.5**		1.5		ppb v/v			04/23/22 01:33	1
2-Hexanone	ND		1.5		ppb v/v			04/23/22 01:33	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/23/22 01:33	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/23/22 01:33	1
Acetone	**7.3**		2.0		ppb v/v			04/23/22 01:33	1
Benzene	ND		0.50		ppb v/v			04/23/22 01:33	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-8-5
Date Collected: 04/18/22 14:16
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-14
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND	*-	1.5		ppb v/v			04/23/22 01:33	1
Bromodichloromethane	ND		0.50		ppb v/v			04/23/22 01:33	1
Bromoform	ND		0.50		ppb v/v			04/23/22 01:33	1
Bromomethane	ND		0.50		ppb v/v			04/23/22 01:33	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/23/22 01:33	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/23/22 01:33	1
Carbon disulfide	ND		2.0		ppb v/v			04/23/22 01:33	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/23/22 01:33	1
Chlorobenzene	ND		0.50		ppb v/v			04/23/22 01:33	1
Chloroethane	ND		0.50		ppb v/v			04/23/22 01:33	1
Chloroform	ND		0.50		ppb v/v			04/23/22 01:33	1
Chloromethane	ND		0.50		ppb v/v			04/23/22 01:33	1
Dibromochloromethane	ND		0.50		ppb v/v			04/23/22 01:33	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/23/22 01:33	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/23/22 01:33	1
Ethylbenzene	ND		0.50		ppb v/v			04/23/22 01:33	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/23/22 01:33	1
Isopropanol	ND		5.0		ppb v/v			04/23/22 01:33	1
Methylene Chloride	ND		5.0		ppb v/v			04/23/22 01:33	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/23/22 01:33	1
n-Butylbenzene	ND		1.5		ppb v/v			04/23/22 01:33	1
o-Xylene	ND		0.50		ppb v/v			04/23/22 01:33	1
m,p-Xylene	ND		2.0		ppb v/v			04/23/22 01:33	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/23/22 01:33	1
Styrene	ND		1.5		ppb v/v			04/23/22 01:33	1
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/23/22 01:33	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/23/22 01:33	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/23/22 01:33	1
Tetrachloroethene	**0.81**		0.50		ppb v/v			04/23/22 01:33	1
Toluene	ND		0.50		ppb v/v			04/23/22 01:33	1
Trichloroethene	ND		0.50		ppb v/v			04/23/22 01:33	1
Trichlorofluoromethane	**4.1**		1.0		ppb v/v			04/23/22 01:33	1
Vinyl acetate	ND		2.0		ppb v/v			04/23/22 01:33	1
Vinyl chloride	ND		0.50		ppb v/v			04/23/22 01:33	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/23/22 01:33	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/23/22 01:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/23/22 01:33	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/23/22 01:33	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/23/22 01:33	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/23/22 01:33	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/23/22 01:33	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/23/22 01:33	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/23/22 01:33	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/23/22 01:33	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/23/22 01:33	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/23/22 01:33	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/23/22 01:33	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-8-5
Date Collected: 04/18/22 14:16
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-14
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		2.3		ug/m3			04/23/22 01:33	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/23/22 01:33	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/23/22 01:33	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/23/22 01:33	1
2-Butanone	**4.3**		4.4		ug/m3			04/23/22 01:33	1
2-Hexanone	ND		6.1		ug/m3			04/23/22 01:33	1
4-Ethyltoluene	ND		2.5		ug/m3			04/23/22 01:33	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/23/22 01:33	1
Acetone	**17**		4.8		ug/m3			04/23/22 01:33	1
Benzene	ND		1.6		ug/m3			04/23/22 01:33	1
Benzyl chloride	ND	*-	7.8		ug/m3			04/23/22 01:33	1
Bromodichloromethane	ND		3.4		ug/m3			04/23/22 01:33	1
Bromoform	ND		5.2		ug/m3			04/23/22 01:33	1
Bromomethane	ND		1.9		ug/m3			04/23/22 01:33	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/23/22 01:33	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/23/22 01:33	1
Carbon disulfide	ND		6.2		ug/m3			04/23/22 01:33	1
Carbon tetrachloride	ND		3.1		ug/m3			04/23/22 01:33	1
Chlorobenzene	ND		2.3		ug/m3			04/23/22 01:33	1
Chloroethane	ND		1.3		ug/m3			04/23/22 01:33	1
Chloroform	ND		2.4		ug/m3			04/23/22 01:33	1
Chloromethane	ND		1.0		ug/m3			04/23/22 01:33	1
Dibromochloromethane	ND		4.3		ug/m3			04/23/22 01:33	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/23/22 01:33	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/23/22 01:33	1
Ethylbenzene	ND		2.2		ug/m3			04/23/22 01:33	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/23/22 01:33	1
Isopropanol	ND		12		ug/m3			04/23/22 01:33	1
Methylene Chloride	ND		17		ug/m3			04/23/22 01:33	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/23/22 01:33	1
n-Butylbenzene	ND		8.2		ug/m3			04/23/22 01:33	1
o-Xylene	ND		2.2		ug/m3			04/23/22 01:33	1
m,p-Xylene	ND		8.7		ug/m3			04/23/22 01:33	1
sec-Butylbenzene	ND		8.2		ug/m3			04/23/22 01:33	1
Styrene	ND		6.4		ug/m3			04/23/22 01:33	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/23/22 01:33	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/23/22 01:33	1
tert-Butylbenzene	ND		8.2		ug/m3			04/23/22 01:33	1
Tetrachloroethene	**5.5**		3.4		ug/m3			04/23/22 01:33	1
Toluene	ND		1.9		ug/m3			04/23/22 01:33	1
Trichloroethene	ND		2.7		ug/m3			04/23/22 01:33	1
Trichlorofluoromethane	**23**		5.6		ug/m3			04/23/22 01:33	1
Vinyl acetate	ND		7.0		ug/m3			04/23/22 01:33	1
Vinyl chloride	ND		1.3		ug/m3			04/23/22 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 132*		*04/23/22 01:33*	*1*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*		*04/23/22 01:33*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*		*04/23/22 01:33*	*1*

Client: Roux Associates, Inc.
Job ID: 570-93118-1
Project/Site: First Indiustrial-Ontario / 3661.0016L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Client Sample ID: SV-8-15
Lab Sample ID: 570-93118-15
Date Collected: 04/18/22 14:05
Matrix: Air
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/23/22 02:21	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/23/22 02:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/23/22 02:21	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/23/22 02:21	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/23/22 02:21	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/23/22 02:21	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/23/22 02:21	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/23/22 02:21	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/23/22 02:21	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/23/22 02:21	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/23/22 02:21	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/23/22 02:21	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/23/22 02:21	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/23/22 02:21	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/23/22 02:21	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/23/22 02:21	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/23/22 02:21	1
2-Butanone	**1.8**		1.5		ppb v/v			04/23/22 02:21	1
2-Hexanone	ND		1.5		ppb v/v			04/23/22 02:21	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/23/22 02:21	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/23/22 02:21	1
Acetone	**9.8**		2.0		ppb v/v			04/23/22 02:21	1
Benzene	ND		0.50		ppb v/v			04/23/22 02:21	1
Benzyl chloride	ND	*-	1.5		ppb v/v			04/23/22 02:21	1
Bromodichloromethane	ND		0.50		ppb v/v			04/23/22 02:21	1
Bromoform	ND		0.50		ppb v/v			04/23/22 02:21	1
Bromomethane	ND		0.50		ppb v/v			04/23/22 02:21	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/23/22 02:21	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/23/22 02:21	1
Carbon disulfide	ND		2.0		ppb v/v			04/23/22 02:21	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/23/22 02:21	1
Chlorobenzene	ND		0.50		ppb v/v			04/23/22 02:21	1
Chloroethane	ND		0.50		ppb v/v			04/23/22 02:21	1
Chloroform	ND		0.50		ppb v/v			04/23/22 02:21	1
Chloromethane	ND		0.50		ppb v/v			04/23/22 02:21	1
Dibromochloromethane	ND		0.50		ppb v/v			04/23/22 02:21	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/23/22 02:21	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/23/22 02:21	1
Ethylbenzene	ND		0.50		ppb v/v			04/23/22 02:21	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/23/22 02:21	1
Isopropanol	ND		5.0		ppb v/v			04/23/22 02:21	1
Methylene Chloride	ND		5.0		ppb v/v			04/23/22 02:21	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/23/22 02:21	1
n-Butylbenzene	ND		1.5		ppb v/v			04/23/22 02:21	1
o-Xylene	ND		0.50		ppb v/v			04/23/22 02:21	1
m,p-Xylene	ND		2.0		ppb v/v			04/23/22 02:21	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/23/22 02:21	1
Styrene	ND		1.5		ppb v/v			04/23/22 02:21	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-8-15
Date Collected: 04/18/22 14:05
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Lab Sample ID: 570-93118-15
Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/23/22 02:21	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/23/22 02:21	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/23/22 02:21	1
Tetrachloroethene	ND		0.50		ppb v/v			04/23/22 02:21	1
Toluene	ND		0.50		ppb v/v			04/23/22 02:21	1
Trichloroethene	ND		0.50		ppb v/v			04/23/22 02:21	1
Trichlorofluoromethane	**4.3**		1.0		ppb v/v			04/23/22 02:21	1
Vinyl acetate	ND		2.0		ppb v/v			04/23/22 02:21	1
Vinyl chloride	ND		0.50		ppb v/v			04/23/22 02:21	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/23/22 02:21	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/23/22 02:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/23/22 02:21	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/23/22 02:21	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/23/22 02:21	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/23/22 02:21	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/23/22 02:21	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/23/22 02:21	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/23/22 02:21	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/23/22 02:21	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/23/22 02:21	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/23/22 02:21	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/23/22 02:21	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/23/22 02:21	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/23/22 02:21	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/23/22 02:21	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/23/22 02:21	1
2-Butanone	**5.2**		4.4		ug/m3			04/23/22 02:21	1
2-Hexanone	ND		6.1		ug/m3			04/23/22 02:21	1
4-Ethyltoluene	ND		2.5		ug/m3			04/23/22 02:21	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/23/22 02:21	1
Acetone	**23**		4.8		ug/m3			04/23/22 02:21	1
Benzene	ND		1.6		ug/m3			04/23/22 02:21	1
Benzyl chloride	ND	*-	7.8		ug/m3			04/23/22 02:21	1
Bromodichloromethane	ND		3.4		ug/m3			04/23/22 02:21	1
Bromoform	ND		5.2		ug/m3			04/23/22 02:21	1
Bromomethane	ND		1.9		ug/m3			04/23/22 02:21	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/23/22 02:21	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/23/22 02:21	1
Carbon disulfide	ND		6.2		ug/m3			04/23/22 02:21	1
Carbon tetrachloride	ND		3.1		ug/m3			04/23/22 02:21	1
Chlorobenzene	ND		2.3		ug/m3			04/23/22 02:21	1
Chloroethane	ND		1.3		ug/m3			04/23/22 02:21	1
Chloroform	ND		2.4		ug/m3			04/23/22 02:21	1
Chloromethane	ND		1.0		ug/m3			04/23/22 02:21	1
Dibromochloromethane	ND		4.3		ug/m3			04/23/22 02:21	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/23/22 02:21	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/23/22 02:21	1

Client: Roux Associates, Inc.
Job ID: 570-93118-1
Project/Site: First Indiustrial-Ontario / 3661.0016L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: SV-8-15
Lab Sample ID: 570-93118-15
Date Collected: 04/18/22 14:05
Matrix: Air
Date Received: 04/19/22 19:20
Sample Container: Summa Canister 1L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		2.2		ug/m3			04/23/22 02:21	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/23/22 02:21	1
Isopropanol	ND		12		ug/m3			04/23/22 02:21	1
Methylene Chloride	ND		17		ug/m3			04/23/22 02:21	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/23/22 02:21	1
n-Butylbenzene	ND		8.2		ug/m3			04/23/22 02:21	1
o-Xylene	ND		2.2		ug/m3			04/23/22 02:21	1
m,p-Xylene	ND		8.7		ug/m3			04/23/22 02:21	1
sec-Butylbenzene	ND		8.2		ug/m3			04/23/22 02:21	1
Styrene	ND		6.4		ug/m3			04/23/22 02:21	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/23/22 02:21	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/23/22 02:21	1
tert-Butylbenzene	ND		8.2		ug/m3			04/23/22 02:21	1
Tetrachloroethene	ND		3.4		ug/m3			04/23/22 02:21	1
Toluene	ND		1.9		ug/m3			04/23/22 02:21	1
Trichloroethene	ND		2.7		ug/m3			04/23/22 02:21	1
Trichlorofluoromethane	**24**		5.6		ug/m3			04/23/22 02:21	1
Vinyl acetate	ND		7.0		ug/m3			04/23/22 02:21	1
Vinyl chloride	ND		1.3		ug/m3			04/23/22 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 132*		*04/23/22 02:21*	*1*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*		*04/23/22 02:21*	*1*
Toluene-d8 (Surr)	*124*		*70 - 130*		*04/23/22 02:21*	*1*

Surrogate Summary

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-93118-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Matrix: Air

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(66-132)	(70-130)	(70-130)
570-93118-1	SV-1-10	100	119	120
570-93118-2	SV-1-20	99	114	127
570-93118-3	SV-2-5	100	119	119
570-93118-4	SV-2-5-D	100	119	119
570-93118-5	SV-2-15	100	118	117
570-93118-6	SV-4-5	100	118	111
570-93118-7	SV-4-15	100	120	114
570-93118-8	SV-6-5	99	119	117
570-93118-9	SV-6-15	100	115	117
570-93118-10	SV-9-5	100	114	107
570-93118-11	SV-9-15	98	122	121
570-93118-12	SV-7-5	98	120	109
570-93118-13	SV-7-15	98	115	117
570-93118-14	SV-8-5	98	122	112
570-93118-15	SV-8-15	98	123	124
LCS 570-228287/3	Lab Control Sample	97	109	100
LCS 570-228550/4	Lab Control Sample	100	115	102
LCSD 570-228287/4	Lab Control Sample Dup	98	114	101
LCSD 570-228550/5	Lab Control Sample Dup	98	114	101
MB 570-228287/7	Method Blank	98	119	98
MB 570-228550/8	Method Blank	96	128	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 570-228287/7
Matrix: Air
Analysis Batch: 228287

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/21/22 19:40	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/21/22 19:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/21/22 19:40	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/21/22 19:40	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/21/22 19:40	1
1,1-Dichloroethene	ND		0.50		ppb v/v			04/21/22 19:40	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/21/22 19:40	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/21/22 19:40	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/21/22 19:40	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/21/22 19:40	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/21/22 19:40	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/21/22 19:40	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/21/22 19:40	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/21/22 19:40	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/21/22 19:40	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/21/22 19:40	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/21/22 19:40	1
2-Butanone	ND		1.5		ppb v/v			04/21/22 19:40	1
2-Hexanone	ND		1.5		ppb v/v			04/21/22 19:40	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/21/22 19:40	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/21/22 19:40	1
Acetone	ND		2.0		ppb v/v			04/21/22 19:40	1
Benzene	ND		0.50		ppb v/v			04/21/22 19:40	1
Benzyl chloride	ND		1.5		ppb v/v			04/21/22 19:40	1
Bromodichloromethane	ND		0.50		ppb v/v			04/21/22 19:40	1
Bromoform	ND		0.50		ppb v/v			04/21/22 19:40	1
Bromomethane	ND		0.50		ppb v/v			04/21/22 19:40	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/21/22 19:40	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/21/22 19:40	1
Carbon disulfide	ND		2.0		ppb v/v			04/21/22 19:40	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/21/22 19:40	1
Chlorobenzene	ND		0.50		ppb v/v			04/21/22 19:40	1
Chloroethane	ND		0.50		ppb v/v			04/21/22 19:40	1
Chloroform	ND		0.50		ppb v/v			04/21/22 19:40	1
Chloromethane	ND		0.50		ppb v/v			04/21/22 19:40	1
Dibromochloromethane	ND		0.50		ppb v/v			04/21/22 19:40	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/21/22 19:40	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/21/22 19:40	1
Ethylbenzene	ND		0.50		ppb v/v			04/21/22 19:40	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/21/22 19:40	1
Isopropanol	ND		5.0		ppb v/v			04/21/22 19:40	1
Methylene Chloride	ND		5.0		ppb v/v			04/21/22 19:40	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/21/22 19:40	1
n-Butylbenzene	ND		1.5		ppb v/v			04/21/22 19:40	1
o-Xylene	ND		0.50		ppb v/v			04/21/22 19:40	1
m,p-Xylene	ND		2.0		ppb v/v			04/21/22 19:40	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/21/22 19:40	1
Styrene	ND		1.5		ppb v/v			04/21/22 19:40	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 570-228287/7
Matrix: Air
Analysis Batch: 228287

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/21/22 19:40	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/21/22 19:40	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/21/22 19:40	1
Tetrachloroethene	ND		0.50		ppb v/v			04/21/22 19:40	1
Toluene	ND		0.50		ppb v/v			04/21/22 19:40	1
Trichloroethene	ND		0.50		ppb v/v			04/21/22 19:40	1
Trichlorofluoromethane	ND		1.0		ppb v/v			04/21/22 19:40	1
Vinyl acetate	ND		2.0		ppb v/v			04/21/22 19:40	1
Vinyl chloride	ND		0.50		ppb v/v			04/21/22 19:40	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/21/22 19:40	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/21/22 19:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/21/22 19:40	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/21/22 19:40	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/21/22 19:40	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/21/22 19:40	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/21/22 19:40	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/21/22 19:40	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/21/22 19:40	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/21/22 19:40	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/21/22 19:40	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/21/22 19:40	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/21/22 19:40	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/21/22 19:40	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/21/22 19:40	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/21/22 19:40	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/21/22 19:40	1
2-Butanone	ND		4.4		ug/m3			04/21/22 19:40	1
2-Hexanone	ND		6.1		ug/m3			04/21/22 19:40	1
4-Ethyltoluene	ND		2.5		ug/m3			04/21/22 19:40	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/21/22 19:40	1
Acetone	ND		4.8		ug/m3			04/21/22 19:40	1
Benzene	ND		1.6		ug/m3			04/21/22 19:40	1
Benzyl chloride	ND		7.8		ug/m3			04/21/22 19:40	1
Bromodichloromethane	ND		3.4		ug/m3			04/21/22 19:40	1
Bromoform	ND		5.2		ug/m3			04/21/22 19:40	1
Bromomethane	ND		1.9		ug/m3			04/21/22 19:40	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/21/22 19:40	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/21/22 19:40	1
Carbon disulfide	ND		6.2		ug/m3			04/21/22 19:40	1
Carbon tetrachloride	ND		3.1		ug/m3			04/21/22 19:40	1
Chlorobenzene	ND		2.3		ug/m3			04/21/22 19:40	1
Chloroethane	ND		1.3		ug/m3			04/21/22 19:40	1
Chloroform	ND		2.4		ug/m3			04/21/22 19:40	1
Chloromethane	ND		1.0		ug/m3			04/21/22 19:40	1
Dibromochloromethane	ND		4.3		ug/m3			04/21/22 19:40	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/21/22 19:40	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/21/22 19:40	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 570-228287/7
Matrix: Air
Analysis Batch: 228287

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		2.2		ug/m3			04/21/22 19:40	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/21/22 19:40	1
Isopropanol	ND		12		ug/m3			04/21/22 19:40	1
Methylene Chloride	ND		17		ug/m3			04/21/22 19:40	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/21/22 19:40	1
n-Butylbenzene	ND		8.2		ug/m3			04/21/22 19:40	1
o-Xylene	ND		2.2		ug/m3			04/21/22 19:40	1
m,p-Xylene	ND		8.7		ug/m3			04/21/22 19:40	1
sec-Butylbenzene	ND		8.2		ug/m3			04/21/22 19:40	1
Styrene	ND		6.4		ug/m3			04/21/22 19:40	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/21/22 19:40	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/21/22 19:40	1
tert-Butylbenzene	ND		8.2		ug/m3			04/21/22 19:40	1
Tetrachloroethene	ND		3.4		ug/m3			04/21/22 19:40	1
Toluene	ND		1.9		ug/m3			04/21/22 19:40	1
Trichloroethene	ND		2.7		ug/m3			04/21/22 19:40	1
Trichlorofluoromethane	ND		5.6		ug/m3			04/21/22 19:40	1
Vinyl acetate	ND		7.0		ug/m3			04/21/22 19:40	1
Vinyl chloride	ND		1.3		ug/m3			04/21/22 19:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 132*		*04/21/22 19:40*	*1*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*		*04/21/22 19:40*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/21/22 19:40*	*1*

Lab Sample ID: LCS 570-228287/3
Matrix: Air
Analysis Batch: 228287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	24.26		ppb v/v		97	67 - 135
1,1,2,2-Tetrachloroethane	25.0	20.79		ppb v/v		83	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.74		ppb v/v		99	70 - 130
1,1,2-Trichloroethane	25.0	23.43		ppb v/v		94	69 - 131
1,1-Dichloroethane	25.0	24.66		ppb v/v		99	69 - 130
1,1-Dichloroethene	25.0	23.25		ppb v/v		93	64 - 135
1,1-Difluoroethane	25.0	20.02		ppb v/v		80	57 - 146
1,2,4-Trichlorobenzene	25.0	20.34		ppb v/v		81	51 - 134
1,2,4-Trimethylbenzene	25.0	20.09		ppb v/v		80	68 - 130
1,2-Dibromo-3-Chloropropane	25.0	21.92		ppb v/v		88	66 - 130
1,2-Dibromoethane	25.0	21.89		ppb v/v		88	70 - 130
1,2-Dichlorobenzene	25.0	20.61		ppb v/v		82	68 - 130
1,2-Dichloroethane	25.0	23.09		ppb v/v		92	65 - 136
1,2-Dichloropropane	25.0	23.16		ppb v/v		93	68 - 132
1,3,5-Trimethylbenzene	25.0	20.27		ppb v/v		81	69 - 130
1,3-Dichlorobenzene	25.0	20.84		ppb v/v		83	65 - 130
1,4-Dichlorobenzene	25.0	20.96		ppb v/v		84	64 - 130
2-Butanone	25.0	23.66		ppb v/v		95	66 - 143

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-228287/3
Matrix: Air
Analysis Batch: 228287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	25.0	20.86		ppb v/v		83	64 - 139
4-Ethyltoluene	25.0	20.68		ppb v/v		83	69 - 130
4-Methyl-2-pentanone	25.0	22.70		ppb v/v		91	65 - 135
Acetone	25.0	25.09		ppb v/v		100	70 - 130
Benzene	25.0	23.47		ppb v/v		94	68 - 134
Benzyl chloride	25.0	19.69		ppb v/v		79	70 - 130
Bromodichloromethane	25.0	22.64		ppb v/v		91	69 - 132
Bromoform	25.0	21.91		ppb v/v		88	70 - 130
Bromomethane	25.0	25.47		ppb v/v		102	65 - 130
cis-1,2-Dichloroethene	25.0	24.99		ppb v/v		100	70 - 130
cis-1,3-Dichloropropene	25.0	22.33		ppb v/v		89	70 - 134
Carbon disulfide	25.0	27.65		ppb v/v		111	70 - 130
Carbon tetrachloride	25.0	22.97		ppb v/v		92	68 - 133
Chlorobenzene	25.0	22.39		ppb v/v		90	70 - 130
Chloroethane	25.0	24.98		ppb v/v		100	66 - 134
Chloroform	25.0	24.28		ppb v/v		97	67 - 131
Chloromethane	25.0	23.04		ppb v/v		92	60 - 137
Dibromochloromethane	25.0	22.03		ppb v/v		88	70 - 130
Dichlorodifluoromethane	25.0	25.00		ppb v/v		100	57 - 138
Dichlorotetrafluoroethane	25.0	25.66		ppb v/v		103	60 - 133
Ethylbenzene	25.0	21.44		ppb v/v		86	70 - 130
Hexachloro-1,3-butadiene	25.0	20.49		ppb v/v		82	58 - 130
Isopropanol	25.0	22.77		ppb v/v		91	64 - 133
Methylene Chloride	25.0	24.56		ppb v/v		98	65 - 130
Methyl-t-Butyl Ether (MTBE)	25.0	24.74		ppb v/v		99	70 - 130
n-Butylbenzene	25.0	20.54		ppb v/v		82	64 - 130
o-Xylene	25.0	20.78		ppb v/v		83	68 - 130
m,p-Xylene	50.0	42.34		ppb v/v		85	70 - 130
sec-Butylbenzene	25.0	20.80		ppb v/v		83	67 - 130
Styrene	25.0	21.62		ppb v/v		86	70 - 130
trans-1,2-Dichloroethene	25.0	25.79		ppb v/v		103	70 - 130
trans-1,3-Dichloropropene	25.0	22.60		ppb v/v		90	66 - 142
tert-Butylbenzene	25.0	20.72		ppb v/v		83	70 - 130
Tetrachloroethene	25.0	22.65		ppb v/v		91	70 - 130
Toluene	25.0	21.80		ppb v/v		87	70 - 130
Trichloroethene	25.0	22.68		ppb v/v		91	69 - 130
Trichlorofluoromethane	25.0	24.70		ppb v/v		99	62 - 139
Vinyl acetate	25.0	23.40		ppb v/v		94	64 - 139
Vinyl chloride	25.0	25.53		ppb v/v		102	65 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	140	132.4		ug/m3		97	67 - 135
1,1,2,2-Tetrachloroethane	170	142.7		ug/m3		83	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	190	189.6		ug/m3		99	70 - 130
1,1,2-Trichloroethane	140	127.8		ug/m3		94	69 - 131
1,1-Dichloroethane	100	99.83		ug/m3		99	69 - 130
1,1-Dichloroethene	99	92.20		ug/m3		93	64 - 135
1,1-Difluoroethane	68	54.09		ug/m3		80	57 - 146

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-228287/3
Matrix: Air
Analysis Batch: 228287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	190	151.0		ug/m3		81	51 - 134
1,2,4-Trimethylbenzene	120	98.76		ug/m3		80	68 - 130
1,2-Dibromo-3-Chloropropane	240	211.9		ug/m3		88	66 - 130
1,2-Dibromoethane	190	168.2		ug/m3		88	70 - 130
1,2-Dichlorobenzene	150	123.9		ug/m3		82	68 - 130
1,2-Dichloroethane	100	93.44		ug/m3		92	65 - 136
1,2-Dichloropropane	120	107.0		ug/m3		93	68 - 132
1,3,5-Trimethylbenzene	120	99.63		ug/m3		81	69 - 130
1,3-Dichlorobenzene	150	125.3		ug/m3		83	65 - 130
1,4-Dichlorobenzene	150	126.0		ug/m3		84	64 - 130
2-Butanone	74	69.79		ug/m3		95	66 - 143
2-Hexanone	100	85.47		ug/m3		83	64 - 139
4-Ethyltoluene	120	101.7		ug/m3		83	69 - 130
4-Methyl-2-pentanone	100	92.99		ug/m3		91	65 - 135
Acetone	59	59.61		ug/m3		100	70 - 130
Benzene	80	74.99		ug/m3		94	68 - 134
Benzyl chloride	130	101.9		ug/m3		79	70 - 130
Bromodichloromethane	170	151.7		ug/m3		91	69 - 132
Bromoform	260	226.4		ug/m3		88	70 - 130
Bromomethane	97	98.91		ug/m3		102	65 - 130
cis-1,2-Dichloroethene	99	99.06		ug/m3		100	70 - 130
cis-1,3-Dichloropropene	110	101.3		ug/m3		89	70 - 134
Carbon disulfide	78	86.10		ug/m3		111	70 - 130
Carbon tetrachloride	160	144.5		ug/m3		92	68 - 133
Chlorobenzene	120	103.1		ug/m3		90	70 - 130
Chloroethane	66	65.91		ug/m3		100	66 - 134
Chloroform	120	118.5		ug/m3		97	67 - 131
Chloromethane	52	47.57		ug/m3		92	60 - 137
Dibromochloromethane	210	187.7		ug/m3		88	70 - 130
Dichlorodifluoromethane	120	123.6		ug/m3		100	57 - 138
Dichlorotetrafluoroethane	170	179.3		ug/m3		103	60 - 133
Ethylbenzene	110	93.12		ug/m3		86	70 - 130
Hexachloro-1,3-butadiene	270	218.5		ug/m3		82	58 - 130
Isopropanol	61	55.96		ug/m3		91	64 - 133
Methylene Chloride	87	85.30		ug/m3		98	65 - 130
Methyl-t-Butyl Ether (MTBE)	90	89.20		ug/m3		99	70 - 130
n-Butylbenzene	140	112.8		ug/m3		82	64 - 130
o-Xylene	110	90.24		ug/m3		83	68 - 130
m,p-Xylene	220	183.9		ug/m3		85	70 - 130
sec-Butylbenzene	140	114.2		ug/m3		83	67 - 130
Styrene	110	92.10		ug/m3		86	70 - 130
trans-1,2-Dichloroethene	99	102.3		ug/m3		103	70 - 130
trans-1,3-Dichloropropene	110	102.6		ug/m3		90	66 - 142
tert-Butylbenzene	140	113.7		ug/m3		83	70 - 130
Tetrachloroethene	170	153.7		ug/m3		91	70 - 130
Toluene	94	82.14		ug/m3		87	70 - 130
Trichloroethene	130	121.9		ug/m3		91	69 - 130
Trichlorofluoromethane	140	138.8		ug/m3		99	62 - 139
Vinyl acetate	88	82.38		ug/m3		94	64 - 139

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-228287/3
Matrix: Air
Analysis Batch: 228287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl chloride			64	65.26		ug/m3		102	65 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 132*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 570-228287/4
Matrix: Air
Analysis Batch: 228287

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			25.0	23.08		ppb v/v		92	67 - 135	5	25
1,1,2,2-Tetrachloroethane			25.0	20.44		ppb v/v		82	70 - 130	2	25
1,1,2-Trichloro-1,2,2-trifluoroethane			25.0	23.34		ppb v/v		93	70 - 130	6	25
1,1,2-Trichloroethane			25.0	22.11		ppb v/v		88	69 - 131	6	25
1,1-Dichloroethane			25.0	23.28		ppb v/v		93	69 - 130	6	25
1,1-Dichloroethene			25.0	21.91		ppb v/v		88	64 - 135	6	25
1,1-Difluoroethane			25.0	18.19		ppb v/v		73	57 - 146	10	25
1,2,4-Trichlorobenzene			25.0	20.27		ppb v/v		81	51 - 134	0	25
1,2,4-Trimethylbenzene			25.0	19.73		ppb v/v		79	68 - 130	2	25
1,2-Dibromo-3-Chloropropane			25.0	21.93		ppb v/v		88	66 - 130	0	25
1,2-Dibromoethane			25.0	21.45		ppb v/v		86	70 - 130	2	25
1,2-Dichlorobenzene			25.0	20.33		ppb v/v		81	68 - 130	1	25
1,2-Dichloroethane			25.0	21.94		ppb v/v		88	65 - 136	5	25
1,2-Dichloropropane			25.0	21.68		ppb v/v		87	68 - 132	7	25
1,3,5-Trimethylbenzene			25.0	19.80		ppb v/v		79	69 - 130	2	25
1,3-Dichlorobenzene			25.0	20.77		ppb v/v		83	65 - 130	0	25
1,4-Dichlorobenzene			25.0	20.66		ppb v/v		83	64 - 130	1	25
2-Butanone			25.0	22.13		ppb v/v		89	66 - 143	7	25
2-Hexanone			25.0	20.55		ppb v/v		82	64 - 139	1	25
4-Ethyltoluene			25.0	20.23		ppb v/v		81	69 - 130	2	25
4-Methyl-2-pentanone			25.0	20.99		ppb v/v		84	65 - 135	8	25
Acetone			25.0	23.82		ppb v/v		95	70 - 130	5	25
Benzene			25.0	22.03		ppb v/v		88	68 - 134	6	25
Benzyl chloride			25.0	19.62		ppb v/v		78	70 - 130	0	25
Bromodichloromethane			25.0	21.20		ppb v/v		85	69 - 132	7	25
Bromoform			25.0	21.56		ppb v/v		86	70 - 130	2	25
Bromomethane			25.0	24.11		ppb v/v		96	65 - 130	6	25
cis-1,2-Dichloroethene			25.0	23.84		ppb v/v		95	70 - 130	5	25
cis-1,3-Dichloropropene			25.0	20.96		ppb v/v		84	70 - 134	6	25
Carbon disulfide			25.0	26.17		ppb v/v		105	70 - 130	6	25
Carbon tetrachloride			25.0	21.65		ppb v/v		87	68 - 133	6	25
Chlorobenzene			25.0	21.12		ppb v/v		84	70 - 130	6	25
Chloroethane			25.0	23.49		ppb v/v		94	66 - 134	6	25
Chloroform			25.0	23.06		ppb v/v		92	67 - 131	5	25
Chloromethane			25.0	21.53		ppb v/v		86	60 - 137	7	25
Dibromochloromethane			25.0	21.38		ppb v/v		86	70 - 130	3	25

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-228287/4
Matrix: Air
Analysis Batch: 228287

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane	25.0	23.52		ppb v/v		94	57 - 138	6	25
Dichlorotetrafluoroethane	25.0	23.96		ppb v/v		96	60 - 133	7	25
Ethylbenzene	25.0	21.05		ppb v/v		84	70 - 130	2	25
Hexachloro-1,3-butadiene	25.0	19.97		ppb v/v		80	58 - 130	3	25
Isopropanol	25.0	21.27		ppb v/v		85	64 - 133	7	25
Methylene Chloride	25.0	23.30		ppb v/v		93	65 - 130	5	25
Methyl-t-Butyl Ether (MTBE)	25.0	23.56		ppb v/v		94	70 - 130	5	25
n-Butylbenzene	25.0	20.29		ppb v/v		81	64 - 130	1	25
o-Xylene	25.0	20.29		ppb v/v		81	68 - 130	2	25
m,p-Xylene	50.0	41.07		ppb v/v		82	70 - 130	3	25
sec-Butylbenzene	25.0	20.26		ppb v/v		81	67 - 130	3	25
Styrene	25.0	21.26		ppb v/v		85	70 - 130	2	25
trans-1,2-Dichloroethene	25.0	24.77		ppb v/v		99	70 - 130	4	25
trans-1,3-Dichloropropene	25.0	21.31		ppb v/v		85	66 - 142	6	25
tert-Butylbenzene	25.0	20.25		ppb v/v		81	70 - 130	2	25
Tetrachloroethene	25.0	22.06		ppb v/v		88	70 - 130	3	25
Toluene	25.0	21.31		ppb v/v		85	70 - 130	2	25
Trichloroethene	25.0	21.23		ppb v/v		85	69 - 130	7	25
Trichlorofluoromethane	25.0	23.56		ppb v/v		94	62 - 139	5	25
Vinyl acetate	25.0	22.08		ppb v/v		88	64 - 139	6	25
Vinyl chloride	25.0	23.85		ppb v/v		95	65 - 130	7	25

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	140	126.0		ug/m3		92	67 - 135	5	25
1,1,2,2-Tetrachloroethane	170	140.3		ug/m3		82	70 - 130	2	25
1,1,2-Trichloro-1,2,2-trifluoroethane	190	178.8		ug/m3		93	70 - 130	6	25
1,1,2-Trichloroethane	140	120.6		ug/m3		88	69 - 131	6	25
1,1-Dichloroethane	100	94.23		ug/m3		93	69 - 130	6	25
1,1-Dichloroethene	99	86.86		ug/m3		88	64 - 135	6	25
1,1-Difluoroethane	68	49.13		ug/m3		73	57 - 146	10	25
1,2,4-Trichlorobenzene	190	150.4		ug/m3		81	51 - 134	0	25
1,2,4-Trimethylbenzene	120	97.00		ug/m3		79	68 - 130	2	25
1,2-Dibromo-3-Chloropropane	240	212.0		ug/m3		88	66 - 130	0	25
1,2-Dibromoethane	190	164.9		ug/m3		86	70 - 130	2	25
1,2-Dichlorobenzene	150	122.2		ug/m3		81	68 - 130	1	25
1,2-Dichloroethane	100	88.80		ug/m3		88	65 - 136	5	25
1,2-Dichloropropane	120	100.2		ug/m3		87	68 - 132	7	25
1,3,5-Trimethylbenzene	120	97.36		ug/m3		79	69 - 130	2	25
1,3-Dichlorobenzene	150	124.9		ug/m3		83	65 - 130	0	25
1,4-Dichlorobenzene	150	124.2		ug/m3		83	64 - 130	1	25
2-Butanone	74	65.26		ug/m3		89	66 - 143	7	25
2-Hexanone	100	84.22		ug/m3		82	64 - 139	1	25
4-Ethyltoluene	120	99.46		ug/m3		81	69 - 130	2	25
4-Methyl-2-pentanone	100	85.99		ug/m3		84	65 - 135	8	25
Acetone	59	56.58		ug/m3		95	70 - 130	5	25
Benzene	80	70.38		ug/m3		88	68 - 134	6	25
Benzyl chloride	130	101.6		ug/m3		78	70 - 130	0	25
Bromodichloromethane	170	142.1		ug/m3		85	69 - 132	7	25

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-228287/4
Matrix: Air
Analysis Batch: 228287

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromoform			260	222.9		ug/m3		86	70 - 130	2	25
Bromomethane			97	93.61		ug/m3		96	65 - 130	6	25
cis-1,2-Dichloroethene			99	94.51		ug/m3		95	70 - 130	5	25
cis-1,3-Dichloropropene			110	95.11		ug/m3		84	70 - 134	6	25
Carbon disulfide			78	81.49		ug/m3		105	70 - 130	6	25
Carbon tetrachloride			160	136.2		ug/m3		87	68 - 133	6	25
Chlorobenzene			120	97.24		ug/m3		84	70 - 130	6	25
Chloroethane			66	61.99		ug/m3		94	66 - 134	6	25
Chloroform			120	112.6		ug/m3		92	67 - 131	5	25
Chloromethane			52	44.45		ug/m3		86	60 - 137	7	25
Dibromochloromethane			210	182.1		ug/m3		86	70 - 130	3	25
Dichlorodifluoromethane			120	116.3		ug/m3		94	57 - 138	6	25
Dichlorotetrafluoroethane			170	167.5		ug/m3		96	60 - 133	7	25
Ethylbenzene			110	91.42		ug/m3		84	70 - 130	2	25
Hexachloro-1,3-butadiene			270	213.0		ug/m3		80	58 - 130	3	25
Isopropanol			61	52.29		ug/m3		85	64 - 133	7	25
Methylene Chloride			87	80.94		ug/m3		93	65 - 130	5	25
Methyl-t-Butyl Ether (MTBE)			90	84.95		ug/m3		94	70 - 130	5	25
n-Butylbenzene			140	111.4		ug/m3		81	64 - 130	1	25
o-Xylene			110	88.11		ug/m3		81	68 - 130	2	25
m,p-Xylene			220	178.3		ug/m3		82	70 - 130	3	25
sec-Butylbenzene			140	111.2		ug/m3		81	67 - 130	3	25
Styrene			110	90.56		ug/m3		85	70 - 130	2	25
trans-1,2-Dichloroethene			99	98.21		ug/m3		99	70 - 130	4	25
trans-1,3-Dichloropropene			110	96.71		ug/m3		85	66 - 142	6	25
tert-Butylbenzene			140	111.2		ug/m3		81	70 - 130	2	25
Tetrachloroethene			170	149.6		ug/m3		88	70 - 130	3	25
Toluene			94	80.30		ug/m3		85	70 - 130	2	25
Trichloroethene			130	114.1		ug/m3		85	69 - 130	7	25
Trichlorofluoromethane			140	132.4		ug/m3		94	62 - 139	5	25
Vinyl acetate			88	77.75		ug/m3		88	64 - 139	6	25
Vinyl chloride			64	60.98		ug/m3		95	65 - 130	7	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 132*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 570-228550/8
Matrix: Air
Analysis Batch: 228550

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ppb v/v			04/22/22 21:48	1
1,1,2,2-Tetrachloroethane	ND		1.0		ppb v/v			04/22/22 21:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ppb v/v			04/22/22 21:48	1
1,1,2-Trichloroethane	ND		0.50		ppb v/v			04/22/22 21:48	1
1,1-Dichloroethane	ND		0.50		ppb v/v			04/22/22 21:48	1

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-93118-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 570-228550/8
Matrix: Air
Analysis Batch: 228550

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ppb v/v			04/22/22 21:48	1
1,1-Difluoroethane	ND		2.0		ppb v/v			04/22/22 21:48	1
1,2,4-Trichlorobenzene	ND		2.0		ppb v/v			04/22/22 21:48	1
1,2,4-Trimethylbenzene	ND		1.5		ppb v/v			04/22/22 21:48	1
1,2-Dibromo-3-Chloropropane	ND		1.5		ppb v/v			04/22/22 21:48	1
1,2-Dibromoethane	ND		0.50		ppb v/v			04/22/22 21:48	1
1,2-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 21:48	1
1,2-Dichloroethane	ND		0.50		ppb v/v			04/22/22 21:48	1
1,2-Dichloropropane	ND		0.50		ppb v/v			04/22/22 21:48	1
1,3,5-Trimethylbenzene	ND		0.50		ppb v/v			04/22/22 21:48	1
1,3-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 21:48	1
1,4-Dichlorobenzene	ND		0.50		ppb v/v			04/22/22 21:48	1
2-Butanone	ND		1.5		ppb v/v			04/22/22 21:48	1
2-Hexanone	ND		1.5		ppb v/v			04/22/22 21:48	1
4-Ethyltoluene	ND		0.50		ppb v/v			04/22/22 21:48	1
4-Methyl-2-pentanone	ND		1.5		ppb v/v			04/22/22 21:48	1
Acetone	ND		2.0		ppb v/v			04/22/22 21:48	1
Benzene	ND		0.50		ppb v/v			04/22/22 21:48	1
Benzyl chloride	ND		1.5		ppb v/v			04/22/22 21:48	1
Bromodichloromethane	ND		0.50		ppb v/v			04/22/22 21:48	1
Bromoform	ND		0.50		ppb v/v			04/22/22 21:48	1
Bromomethane	ND		0.50		ppb v/v			04/22/22 21:48	1
cis-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 21:48	1
cis-1,3-Dichloropropene	ND		0.50		ppb v/v			04/22/22 21:48	1
Carbon disulfide	ND		2.0		ppb v/v			04/22/22 21:48	1
Carbon tetrachloride	ND		0.50		ppb v/v			04/22/22 21:48	1
Chlorobenzene	ND		0.50		ppb v/v			04/22/22 21:48	1
Chloroethane	ND		0.50		ppb v/v			04/22/22 21:48	1
Chloroform	ND		0.50		ppb v/v			04/22/22 21:48	1
Chloromethane	ND		0.50		ppb v/v			04/22/22 21:48	1
Dibromochloromethane	ND		0.50		ppb v/v			04/22/22 21:48	1
Dichlorodifluoromethane	ND		0.50		ppb v/v			04/22/22 21:48	1
Dichlorotetrafluoroethane	ND		2.0		ppb v/v			04/22/22 21:48	1
Ethylbenzene	ND		0.50		ppb v/v			04/22/22 21:48	1
Hexachloro-1,3-butadiene	ND		1.5		ppb v/v			04/22/22 21:48	1
Isopropanol	ND		5.0		ppb v/v			04/22/22 21:48	1
Methylene Chloride	ND		5.0		ppb v/v			04/22/22 21:48	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ppb v/v			04/22/22 21:48	1
n-Butylbenzene	ND		1.5		ppb v/v			04/22/22 21:48	1
o-Xylene	ND		0.50		ppb v/v			04/22/22 21:48	1
m,p-Xylene	ND		2.0		ppb v/v			04/22/22 21:48	1
sec-Butylbenzene	ND		1.5		ppb v/v			04/22/22 21:48	1
Styrene	ND		1.5		ppb v/v			04/22/22 21:48	1
trans-1,2-Dichloroethene	ND		0.50		ppb v/v			04/22/22 21:48	1
trans-1,3-Dichloropropene	ND		1.0		ppb v/v			04/22/22 21:48	1
tert-Butylbenzene	ND		1.5		ppb v/v			04/22/22 21:48	1
Tetrachloroethene	ND		0.50		ppb v/v			04/22/22 21:48	1
Toluene	ND		0.50		ppb v/v			04/22/22 21:48	1
Trichloroethene	ND		0.50		ppb v/v			04/22/22 21:48	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 570-228550/8
Matrix: Air
Analysis Batch: 228550

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0		ppb v/v			04/22/22 21:48	1
Vinyl acetate	ND		2.0		ppb v/v			04/22/22 21:48	1
Vinyl chloride	ND		0.50		ppb v/v			04/22/22 21:48	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			04/22/22 21:48	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			04/22/22 21:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			04/22/22 21:48	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			04/22/22 21:48	1
1,1-Dichloroethane	ND		2.0		ug/m3			04/22/22 21:48	1
1,1-Dichloroethene	ND		2.0		ug/m3			04/22/22 21:48	1
1,1-Difluoroethane	ND		5.4		ug/m3			04/22/22 21:48	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			04/22/22 21:48	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			04/22/22 21:48	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			04/22/22 21:48	1
1,2-Dibromoethane	ND		3.8		ug/m3			04/22/22 21:48	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 21:48	1
1,2-Dichloroethane	ND		2.0		ug/m3			04/22/22 21:48	1
1,2-Dichloropropane	ND		2.3		ug/m3			04/22/22 21:48	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			04/22/22 21:48	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 21:48	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			04/22/22 21:48	1
2-Butanone	ND		4.4		ug/m3			04/22/22 21:48	1
2-Hexanone	ND		6.1		ug/m3			04/22/22 21:48	1
4-Ethyltoluene	ND		2.5		ug/m3			04/22/22 21:48	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			04/22/22 21:48	1
Acetone	ND		4.8		ug/m3			04/22/22 21:48	1
Benzene	ND		1.6		ug/m3			04/22/22 21:48	1
Benzyl chloride	ND		7.8		ug/m3			04/22/22 21:48	1
Bromodichloromethane	ND		3.4		ug/m3			04/22/22 21:48	1
Bromoform	ND		5.2		ug/m3			04/22/22 21:48	1
Bromomethane	ND		1.9		ug/m3			04/22/22 21:48	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 21:48	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			04/22/22 21:48	1
Carbon disulfide	ND		6.2		ug/m3			04/22/22 21:48	1
Carbon tetrachloride	ND		3.1		ug/m3			04/22/22 21:48	1
Chlorobenzene	ND		2.3		ug/m3			04/22/22 21:48	1
Chloroethane	ND		1.3		ug/m3			04/22/22 21:48	1
Chloroform	ND		2.4		ug/m3			04/22/22 21:48	1
Chloromethane	ND		1.0		ug/m3			04/22/22 21:48	1
Dibromochloromethane	ND		4.3		ug/m3			04/22/22 21:48	1
Dichlorodifluoromethane	ND		2.5		ug/m3			04/22/22 21:48	1
Dichlorotetrafluoroethane	ND		14		ug/m3			04/22/22 21:48	1
Ethylbenzene	ND		2.2		ug/m3			04/22/22 21:48	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			04/22/22 21:48	1
Isopropanol	ND		12		ug/m3			04/22/22 21:48	1
Methylene Chloride	ND		17		ug/m3			04/22/22 21:48	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			04/22/22 21:48	1
n-Butylbenzene	ND		8.2		ug/m3			04/22/22 21:48	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 570-228550/8
Matrix: Air
Analysis Batch: 228550

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		2.2		ug/m3			04/22/22 21:48	1
m,p-Xylene	ND		8.7		ug/m3			04/22/22 21:48	1
sec-Butylbenzene	ND		8.2		ug/m3			04/22/22 21:48	1
Styrene	ND		6.4		ug/m3			04/22/22 21:48	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			04/22/22 21:48	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			04/22/22 21:48	1
tert-Butylbenzene	ND		8.2		ug/m3			04/22/22 21:48	1
Tetrachloroethene	ND		3.4		ug/m3			04/22/22 21:48	1
Toluene	ND		1.9		ug/m3			04/22/22 21:48	1
Trichloroethene	ND		2.7		ug/m3			04/22/22 21:48	1
Trichlorofluoromethane	ND		5.6		ug/m3			04/22/22 21:48	1
Vinyl acetate	ND		7.0		ug/m3			04/22/22 21:48	1
Vinyl chloride	ND		1.3		ug/m3			04/22/22 21:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 132*		*04/22/22 21:48*	*1*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*		*04/22/22 21:48*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/22/22 21:48*	*1*

Lab Sample ID: LCS 570-228550/4
Matrix: Air
Analysis Batch: 228550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	22.05		ppb v/v		88	67 - 135
1,1,2,2-Tetrachloroethane	25.0	18.94		ppb v/v		76	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.61		ppb v/v		90	70 - 130
1,1,2-Trichloroethane	25.0	21.47		ppb v/v		86	69 - 131
1,1-Dichloroethane	25.0	21.72		ppb v/v		87	69 - 130
1,1-Dichloroethene	25.0	21.47		ppb v/v		86	64 - 135
1,1-Difluoroethane	25.0	18.24		ppb v/v		73	57 - 146
1,2,4-Trichlorobenzene	25.0	15.50		ppb v/v		62	51 - 134
1,2,4-Trimethylbenzene	25.0	17.89		ppb v/v		72	68 - 130
1,2-Dibromo-3-Chloropropane	25.0	17.14		ppb v/v		69	66 - 130
1,2-Dibromoethane	25.0	19.88		ppb v/v		80	70 - 130
1,2-Dichlorobenzene	25.0	18.06		ppb v/v		72	68 - 130
1,2-Dichloroethane	25.0	20.70		ppb v/v		83	65 - 136
1,2-Dichloropropane	25.0	21.07		ppb v/v		84	68 - 132
1,3,5-Trimethylbenzene	25.0	18.19		ppb v/v		73	69 - 130
1,3-Dichlorobenzene	25.0	19.11		ppb v/v		76	65 - 130
1,4-Dichlorobenzene	25.0	18.76		ppb v/v		75	64 - 130
2-Butanone	25.0	20.94		ppb v/v		84	66 - 143
2-Hexanone	25.0	19.02		ppb v/v		76	64 - 139
4-Ethyltoluene	25.0	18.69		ppb v/v		75	69 - 130
4-Methyl-2-pentanone	25.0	20.64		ppb v/v		83	65 - 135
Acetone	25.0	20.93		ppb v/v		84	70 - 130
Benzene	25.0	21.26		ppb v/v		85	68 - 134
Benzyl chloride	25.0	17.39		ppb v/v		70	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-228550/4
Matrix: Air
Analysis Batch: 228550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	25.0	20.96		ppb v/v		84	69 - 132
Bromoform	25.0	20.48		ppb v/v		82	70 - 130
Bromomethane	25.0	22.84		ppb v/v		91	65 - 130
cis-1,2-Dichloroethene	25.0	22.84		ppb v/v		91	70 - 130
cis-1,3-Dichloropropene	25.0	21.54		ppb v/v		86	70 - 134
Carbon disulfide	25.0	21.11		ppb v/v		84	70 - 130
Carbon tetrachloride	25.0	21.05		ppb v/v		84	68 - 133
Chlorobenzene	25.0	20.04		ppb v/v		80	70 - 130
Chloroethane	25.0	22.51		ppb v/v		90	66 - 134
Chloroform	25.0	21.78		ppb v/v		87	67 - 131
Chloromethane	25.0	21.09		ppb v/v		84	60 - 137
Dibromochloromethane	25.0	20.16		ppb v/v		81	70 - 130
Dichlorodifluoromethane	25.0	22.36		ppb v/v		89	57 - 138
Dichlorotetrafluoroethane	25.0	22.52		ppb v/v		90	60 - 133
Ethylbenzene	25.0	19.70		ppb v/v		79	70 - 130
Hexachloro-1,3-butadiene	25.0	15.63		ppb v/v		63	58 - 130
Isopropanol	25.0	20.51		ppb v/v		82	64 - 133
Methylene Chloride	25.0	22.43		ppb v/v		90	65 - 130
Methyl-t-Butyl Ether (MTBE)	25.0	22.07		ppb v/v		88	70 - 130
n-Butylbenzene	25.0	17.59		ppb v/v		70	64 - 130
o-Xylene	25.0	19.07		ppb v/v		76	68 - 130
m,p-Xylene	50.0	38.28		ppb v/v		77	70 - 130
sec-Butylbenzene	25.0	18.21		ppb v/v		73	67 - 130
Styrene	25.0	19.64		ppb v/v		79	70 - 130
trans-1,2-Dichloroethene	25.0	21.54		ppb v/v		86	70 - 130
trans-1,3-Dichloropropene	25.0	21.01		ppb v/v		84	66 - 142
tert-Butylbenzene	25.0	18.51		ppb v/v		74	70 - 130
Tetrachloroethene	25.0	20.56		ppb v/v		82	70 - 130
Toluene	25.0	19.65		ppb v/v		79	70 - 130
Trichloroethene	25.0	20.97		ppb v/v		84	69 - 130
Trichlorofluoromethane	25.0	22.10		ppb v/v		88	62 - 139
Vinyl acetate	25.0	21.09		ppb v/v		84	64 - 139
Vinyl chloride	25.0	22.81		ppb v/v		91	65 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	140	120.3		ug/m3		88	67 - 135
1,1,2,2-Tetrachloroethane	170	130.0		ug/m3		76	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	190	173.2		ug/m3		90	70 - 130
1,1,2-Trichloroethane	140	117.2		ug/m3		86	69 - 131
1,1-Dichloroethane	100	87.90		ug/m3		87	69 - 130
1,1-Dichloroethene	99	85.14		ug/m3		86	64 - 135
1,1-Difluoroethane	68	49.27		ug/m3		73	57 - 146
1,2,4-Trichlorobenzene	190	115.1		ug/m3		62	51 - 134
1,2,4-Trimethylbenzene	120	87.96		ug/m3		72	68 - 130
1,2-Dibromo-3-Chloropropane	240	165.6		ug/m3		69	66 - 130
1,2-Dibromoethane	190	152.8		ug/m3		80	70 - 130
1,2-Dichlorobenzene	150	108.6		ug/m3		72	68 - 130
1,2-Dichloroethane	100	83.79		ug/m3		83	65 - 136

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-228550/4
Matrix: Air
Analysis Batch: 228550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	120	97.39		ug/m3		84	68 - 132
1,3,5-Trimethylbenzene	120	89.43		ug/m3		73	69 - 130
1,3-Dichlorobenzene	150	114.9		ug/m3		76	65 - 130
1,4-Dichlorobenzene	150	112.8		ug/m3		75	64 - 130
2-Butanone	74	61.76		ug/m3		84	66 - 143
2-Hexanone	100	77.95		ug/m3		76	64 - 139
4-Ethyltoluene	120	91.91		ug/m3		75	69 - 130
4-Methyl-2-pentanone	100	84.53		ug/m3		83	65 - 135
Acetone	59	49.71		ug/m3		84	70 - 130
Benzene	80	67.91		ug/m3		85	68 - 134
Benzyl chloride	130	90.01		ug/m3		70	70 - 130
Bromodichloromethane	170	140.4		ug/m3		84	69 - 132
Bromoform	260	211.7		ug/m3		82	70 - 130
Bromomethane	97	88.69		ug/m3		91	65 - 130
cis-1,2-Dichloroethene	99	90.57		ug/m3		91	70 - 130
cis-1,3-Dichloropropene	110	97.76		ug/m3		86	70 - 134
Carbon disulfide	78	65.73		ug/m3		84	70 - 130
Carbon tetrachloride	160	132.4		ug/m3		84	68 - 133
Chlorobenzene	120	92.24		ug/m3		80	70 - 130
Chloroethane	66	59.41		ug/m3		90	66 - 134
Chloroform	120	106.3		ug/m3		87	67 - 131
Chloromethane	52	43.55		ug/m3		84	60 - 137
Dibromochloromethane	210	171.7		ug/m3		81	70 - 130
Dichlorodifluoromethane	120	110.6		ug/m3		89	57 - 138
Dichlorotetrafluoroethane	170	157.4		ug/m3		90	60 - 133
Ethylbenzene	110	85.54		ug/m3		79	70 - 130
Hexachloro-1,3-butadiene	270	166.7		ug/m3		63	58 - 130
Isopropanol	61	50.43		ug/m3		82	64 - 133
Methylene Chloride	87	77.90		ug/m3		90	65 - 130
Methyl-t-Butyl Ether (MTBE)	90	79.58		ug/m3		88	70 - 130
n-Butylbenzene	140	96.54		ug/m3		70	64 - 130
o-Xylene	110	82.80		ug/m3		76	68 - 130
m,p-Xylene	220	166.2		ug/m3		77	70 - 130
sec-Butylbenzene	140	99.97		ug/m3		73	67 - 130
Styrene	110	83.65		ug/m3		79	70 - 130
trans-1,2-Dichloroethene	99	85.39		ug/m3		86	70 - 130
trans-1,3-Dichloropropene	110	95.34		ug/m3		84	66 - 142
tert-Butylbenzene	140	101.6		ug/m3		74	70 - 130
Tetrachloroethene	170	139.4		ug/m3		82	70 - 130
Toluene	94	74.04		ug/m3		79	70 - 130
Trichloroethene	130	112.7		ug/m3		84	69 - 130
Trichlorofluoromethane	140	124.2		ug/m3		88	62 - 139
Vinyl acetate	88	74.26		ug/m3		84	64 - 139
Vinyl chloride	64	58.31		ug/m3		91	65 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 132*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-228550/4
Matrix: Air
Analysis Batch: 228550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: LCSD 570-228550/5
Matrix: Air
Analysis Batch: 228550

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			25.0	20.98		ppb v/v		84	67 - 135	5	25
1,1,2,2-Tetrachloroethane			25.0	18.49		ppb v/v		74	70 - 130	2	25
1,1,2-Trichloro-1,2,2-trifluoroethane			25.0	21.40		ppb v/v		86	70 - 130	5	25
1,1,2-Trichloroethane			25.0	20.30		ppb v/v		81	69 - 131	6	25
1,1-Dichloroethane			25.0	20.54		ppb v/v		82	69 - 130	6	25
1,1-Dichloroethene			25.0	20.14		ppb v/v		81	64 - 135	6	25
1,1-Difluoroethane			25.0	17.08		ppb v/v		68	57 - 146	7	25
1,2,4-Trichlorobenzene			25.0	17.35		ppb v/v		69	51 - 134	11	25
1,2,4-Trimethylbenzene			25.0	17.27		ppb v/v		69	68 - 130	4	25
1,2-Dibromo-3-Chloropropane			25.0	17.87		ppb v/v		71	66 - 130	4	25
1,2-Dibromoethane			25.0	18.84		ppb v/v		75	70 - 130	5	25
1,2-Dichlorobenzene			25.0	17.74		ppb v/v		71	68 - 130	2	25
1,2-Dichloroethane			25.0	19.72		ppb v/v		79	65 - 136	5	25
1,2-Dichloropropane			25.0	19.80		ppb v/v		79	68 - 132	6	25
1,3,5-Trimethylbenzene			25.0	17.67		ppb v/v		71	69 - 130	3	25
1,3-Dichlorobenzene			25.0	18.39		ppb v/v		74	65 - 130	4	25
1,4-Dichlorobenzene			25.0	18.33		ppb v/v		73	64 - 130	2	25
2-Butanone			25.0	19.90		ppb v/v		80	66 - 143	5	25
2-Hexanone			25.0	18.37		ppb v/v		73	64 - 139	3	25
4-Ethyltoluene			25.0	18.06		ppb v/v		72	69 - 130	3	25
4-Methyl-2-pentanone			25.0	19.26		ppb v/v		77	65 - 135	7	25
Acetone			25.0	19.91		ppb v/v		80	70 - 130	5	25
Benzene			25.0	20.00		ppb v/v		80	68 - 134	6	25
Benzyl chloride			25.0	16.94	*- me	ppb v/v		68	70 - 130	3	25
Bromodichloromethane			25.0	19.77		ppb v/v		79	69 - 132	6	25
Bromoform			25.0	19.72		ppb v/v		79	70 - 130	4	25
Bromomethane			25.0	21.59		ppb v/v		86	65 - 130	6	25
cis-1,2-Dichloroethene			25.0	21.63		ppb v/v		87	70 - 130	5	25
cis-1,3-Dichloropropene			25.0	20.54		ppb v/v		82	70 - 134	5	25
Carbon disulfide			25.0	19.89		ppb v/v		80	70 - 130	6	25
Carbon tetrachloride			25.0	19.93		ppb v/v		80	68 - 133	5	25
Chlorobenzene			25.0	19.13		ppb v/v		77	70 - 130	5	25
Chloroethane			25.0	21.17		ppb v/v		85	66 - 134	6	25
Chloroform			25.0	20.55		ppb v/v		82	67 - 131	6	25
Chloromethane			25.0	19.65		ppb v/v		79	60 - 137	7	25
Dibromochloromethane			25.0	19.12		ppb v/v		76	70 - 130	5	25
Dichlorodifluoromethane			25.0	20.99		ppb v/v		84	57 - 138	6	25
Dichlorotetrafluoroethane			25.0	21.28		ppb v/v		85	60 - 133	6	25
Ethylbenzene			25.0	18.75		ppb v/v		75	70 - 130	5	25
Hexachloro-1,3-butadiene			25.0	17.51		ppb v/v		70	58 - 130	11	25
Isopropanol			25.0	19.33		ppb v/v		77	64 - 133	6	25

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-228550/5
Matrix: Air
Analysis Batch: 228550

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylene Chloride	25.0	21.24		ppb v/v		85	65 - 130	5	25
Methyl-t-Butyl Ether (MTBE)	25.0	21.03		ppb v/v		84	70 - 130	5	25
n-Butylbenzene	25.0	17.18		ppb v/v		69	64 - 130	2	25
o-Xylene	25.0	18.06		ppb v/v		72	68 - 130	5	25
m,p-Xylene	50.0	36.87		ppb v/v		74	70 - 130	4	25
sec-Butylbenzene	25.0	17.43		ppb v/v		70	67 - 130	4	25
Styrene	25.0	18.97		ppb v/v		76	70 - 130	3	25
trans-1,2-Dichloroethene	25.0	20.48		ppb v/v		82	70 - 130	5	25
trans-1,3-Dichloropropene	25.0	19.75		ppb v/v		79	66 - 142	6	25
tert-Butylbenzene	25.0	17.81		ppb v/v		71	70 - 130	4	25
Tetrachloroethene	25.0	19.42		ppb v/v		78	70 - 130	6	25
Toluene	25.0	18.66		ppb v/v		75	70 - 130	5	25
Trichloroethene	25.0	19.66		ppb v/v		79	69 - 130	6	25
Trichlorofluoromethane	25.0	20.65		ppb v/v		83	62 - 139	7	25
Vinyl acetate	25.0	20.04		ppb v/v		80	64 - 139	5	25
Vinyl chloride	25.0	21.60		ppb v/v		86	65 - 130	5	25

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	140	114.5		ug/m3		84	67 - 135	5	25
1,1,2,2-Tetrachloroethane	170	126.9		ug/m3		74	70 - 130	2	25
1,1,2-Trichloro-1,2,2-trifluoroethane	190	164.0		ug/m3		86	70 - 130	5	25
1,1,2-Trichloroethane	140	110.8		ug/m3		81	69 - 131	6	25
1,1-Dichloroethane	100	83.13		ug/m3		82	69 - 130	6	25
1,1-Dichloroethene	99	79.85		ug/m3		81	64 - 135	6	25
1,1-Difluoroethane	68	46.14		ug/m3		68	57 - 146	7	25
1,2,4-Trichlorobenzene	190	128.7		ug/m3		69	51 - 134	11	25
1,2,4-Trimethylbenzene	120	84.88		ug/m3		69	68 - 130	4	25
1,2-Dibromo-3-Chloropropane	240	172.7		ug/m3		71	66 - 130	4	25
1,2-Dibromoethane	190	144.8		ug/m3		75	70 - 130	5	25
1,2-Dichlorobenzene	150	106.7		ug/m3		71	68 - 130	2	25
1,2-Dichloroethane	100	79.82		ug/m3		79	65 - 136	5	25
1,2-Dichloropropane	120	91.50		ug/m3		79	68 - 132	6	25
1,3,5-Trimethylbenzene	120	86.86		ug/m3		71	69 - 130	3	25
1,3-Dichlorobenzene	150	110.6		ug/m3		74	65 - 130	4	25
1,4-Dichlorobenzene	150	110.2		ug/m3		73	64 - 130	2	25
2-Butanone	74	58.69		ug/m3		80	66 - 143	5	25
2-Hexanone	100	75.28		ug/m3		73	64 - 139	3	25
4-Ethyltoluene	120	88.77		ug/m3		72	69 - 130	3	25
4-Methyl-2-pentanone	100	78.91		ug/m3		77	65 - 135	7	25
Acetone	59	47.28		ug/m3		80	70 - 130	5	25
Benzene	80	63.90		ug/m3		80	68 - 134	6	25
Benzyl chloride	130	87.71	*- me	ug/m3		68	70 - 130	3	25
Bromodichloromethane	170	132.4		ug/m3		79	69 - 132	6	25
Bromoform	260	203.8		ug/m3		79	70 - 130	4	25
Bromomethane	97	83.83		ug/m3		86	65 - 130	6	25
cis-1,2-Dichloroethene	99	85.78		ug/m3		87	70 - 130	5	25
cis-1,3-Dichloropropene	110	93.23		ug/m3		82	70 - 134	5	25
Carbon disulfide	78	61.95		ug/m3		80	70 - 130	6	25

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-228550/5
Matrix: Air
Analysis Batch: 228550

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			160	125.4		ug/m3		80	68 - 133	5	25
Chlorobenzene			120	88.06		ug/m3		77	70 - 130	5	25
Chloroethane			66	55.87		ug/m3		85	66 - 134	6	25
Chloroform			120	100.3		ug/m3		82	67 - 131	6	25
Chloromethane			52	40.57		ug/m3		79	60 - 137	7	25
Dibromochloromethane			210	162.9		ug/m3		76	70 - 130	5	25
Dichlorodifluoromethane			120	103.8		ug/m3		84	57 - 138	6	25
Dichlorotetrafluoroethane			170	148.8		ug/m3		85	60 - 133	6	25
Ethylbenzene			110	81.40		ug/m3		75	70 - 130	5	25
Hexachloro-1,3-butadiene			270	186.8		ug/m3		70	58 - 130	11	25
Isopropanol			61	47.51		ug/m3		77	64 - 133	6	25
Methylene Chloride			87	73.77		ug/m3		85	65 - 130	5	25
Methyl-t-Butyl Ether (MTBE)			90	75.82		ug/m3		84	70 - 130	5	25
n-Butylbenzene			140	94.31		ug/m3		69	64 - 130	2	25
o-Xylene			110	78.44		ug/m3		72	68 - 130	5	25
m,p-Xylene			220	160.1		ug/m3		74	70 - 130	4	25
sec-Butylbenzene			140	95.69		ug/m3		70	67 - 130	4	25
Styrene			110	80.83		ug/m3		76	70 - 130	3	25
trans-1,2-Dichloroethene			99	81.20		ug/m3		82	70 - 130	5	25
trans-1,3-Dichloropropene			110	89.63		ug/m3		79	66 - 142	6	25
tert-Butylbenzene			140	97.76		ug/m3		71	70 - 130	4	25
Tetrachloroethene			170	131.7		ug/m3		78	70 - 130	6	25
Toluene			94	70.33		ug/m3		75	70 - 130	5	25
Trichloroethene			130	105.6		ug/m3		79	69 - 130	6	25
Trichlorofluoromethane			140	116.0		ug/m3		83	62 - 139	7	25
Vinyl acetate			88	70.55		ug/m3		80	64 - 139	5	25
Vinyl chloride			64	55.21		ug/m3		86	65 - 130	5	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 132*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Marginal Exceedance (ME) Summary

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-93118-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: LCSD 570-228550/5
Matrix: Air

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1-Trichloroethane	25.0	20.98		ppb v/v	84	67 - 135	56 - 146	
1,1,2,2-Tetrachloroethane	25.0	18.49		ppb v/v	74	70 - 130	60 - 140	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.40		ppb v/v	86	70 - 130	60 - 140	
1,1,2-Trichloroethane	25.0	20.30		ppb v/v	81	69 - 131	59 - 141	
1,1-Dichloroethane	25.0	20.54		ppb v/v	82	69 - 130	59 - 140	
1,1-Dichloroethene	25.0	20.14		ppb v/v	81	64 - 135	52 - 147	
1,1-Difluoroethane	25.0	17.08		ppb v/v	68	57 - 146	42 - 161	
1,2,4-Trichlorobenzene	25.0	17.35		ppb v/v	69	51 - 134	37 - 148	
1,2,4-Trimethylbenzene	25.0	17.27		ppb v/v	69	68 - 130	58 - 140	
1,2-Dibromo-3-Chloropropane	25.0	17.87		ppb v/v	71	66 - 130	55 - 141	
1,2-Dibromoethane	25.0	18.84		ppb v/v	75	70 - 130	60 - 140	
1,2-Dichlorobenzene	25.0	17.74		ppb v/v	71	68 - 130	58 - 140	
1,2-Dichloroethane	25.0	19.72		ppb v/v	79	65 - 136	53 - 148	
1,2-Dichloropropane	25.0	19.80		ppb v/v	79	68 - 132	57 - 143	
1,3,5-Trimethylbenzene	25.0	17.67		ppb v/v	71	69 - 130	59 - 140	
1,3-Dichlorobenzene	25.0	18.39		ppb v/v	74	65 - 130	54 - 141	
1,4-Dichlorobenzene	25.0	18.33		ppb v/v	73	64 - 130	53 - 141	
2-Butanone	25.0	19.90		ppb v/v	80	66 - 143	53 - 156	
2-Hexanone	25.0	18.37		ppb v/v	73	64 - 139	52 - 152	
4-Ethyltoluene	25.0	18.06		ppb v/v	72	69 - 130	59 - 140	
4-Methyl-2-pentanone	25.0	19.26		ppb v/v	77	65 - 135	53 - 147	
Acetone	25.0	19.91		ppb v/v	80	70 - 130	60 - 140	
Benzene	25.0	20.00		ppb v/v	80	68 - 134	57 - 145	
Benzyl chloride	25.0	16.94	*- me	ppb v/v	68	70 - 130	60 - 140	ME
Bromodichloromethane	25.0	19.77		ppb v/v	79	69 - 132	59 - 143	
Bromoform	25.0	19.72		ppb v/v	79	70 - 130	60 - 140	
Bromomethane	25.0	21.59		ppb v/v	86	65 - 130	54 - 141	
cis-1,2-Dichloroethene	25.0	21.63		ppb v/v	87	70 - 130	60 - 140	
cis-1,3-Dichloropropene	25.0	20.54		ppb v/v	82	70 - 134	59 - 145	
Carbon disulfide	25.0	19.89		ppb v/v	80	70 - 130	60 - 140	
Carbon tetrachloride	25.0	19.93		ppb v/v	80	68 - 133	57 - 144	
Chlorobenzene	25.0	19.13		ppb v/v	77	70 - 130	60 - 140	
Chloroethane	25.0	21.17		ppb v/v	85	66 - 134	55 - 145	
Chloroform	25.0	20.55		ppb v/v	82	67 - 131	56 - 142	
Chloromethane	25.0	19.65		ppb v/v	79	60 - 137	47 - 150	
Dibromochloromethane	25.0	19.12		ppb v/v	76	70 - 130	60 - 140	
Dichlorodifluoromethane	25.0	20.99		ppb v/v	84	57 - 138	44 - 152	
Dichlorotetrafluoroethane	25.0	21.28		ppb v/v	85	60 - 133	48 - 145	
Ethylbenzene	25.0	18.75		ppb v/v	75	70 - 130	60 - 140	
Hexachloro-1,3-butadiene	25.0	17.51		ppb v/v	70	58 - 130	46 - 142	
Isopropanol	25.0	19.33		ppb v/v	77	64 - 133	53 - 145	
Methylene Chloride	25.0	21.24		ppb v/v	85	65 - 130	54 - 141	
Methyl-t-Butyl Ether (MTBE)	25.0	21.03		ppb v/v	84	70 - 130	60 - 140	
n-Butylbenzene	25.0	17.18		ppb v/v	69	64 - 130	53 - 141	
o-Xylene	25.0	18.06		ppb v/v	72	68 - 130	58 - 140	
m,p-Xylene	50.0	36.87		ppb v/v	74	70 - 130	60 - 140	
sec-Butylbenzene	25.0	17.43		ppb v/v	70	67 - 130	57 - 141	
Styrene	25.0	18.97		ppb v/v	76	70 - 130	60 - 140	
trans-1,2-Dichloroethene	25.0	20.48		ppb v/v	82	70 - 130	60 - 140	

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-228550/5
Matrix: Air

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
trans-1,3-Dichloropropene	25.0	19.75		ppb v/v	79	66 - 142	53 - 155	
tert-Butylbenzene	25.0	17.81		ppb v/v	71	70 - 130	60 - 140	
Tetrachloroethene	25.0	19.42		ppb v/v	78	70 - 130	60 - 140	
Toluene	25.0	18.66		ppb v/v	75	70 - 130	60 - 140	
Trichloroethene	25.0	19.66		ppb v/v	79	69 - 130	59 - 140	
Trichlorofluoromethane	25.0	20.65		ppb v/v	83	62 - 139	49 - 152	
Vinyl acetate	25.0	20.04		ppb v/v	80	64 - 139	52 - 152	
Vinyl chloride	25.0	21.60		ppb v/v	86	65 - 130	54 - 141	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
57	3	1

ME = Marginal Exceedance

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1-Trichloroethane	140	114.5		ug/m3	84	67 - 135	56 - 146	
1,1,2,2-Tetrachloroethane	170	126.9		ug/m3	74	70 - 130	60 - 140	
1,1,2-Trichloro-1,2,2-trifluoroethane	190	164.0		ug/m3	86	70 - 130	60 - 140	
1,1,2-Trichloroethane	140	110.8		ug/m3	81	69 - 131	59 - 141	
1,1-Dichloroethane	100	83.13		ug/m3	82	69 - 130	59 - 140	
1,1-Dichloroethene	99	79.85		ug/m3	81	64 - 135	52 - 147	
1,1-Difluoroethane	68	46.14		ug/m3	68	57 - 146	42 - 161	
1,2,4-Trichlorobenzene	190	128.7		ug/m3	69	51 - 134	37 - 148	
1,2,4-Trimethylbenzene	120	84.88		ug/m3	69	68 - 130	58 - 140	
1,2-Dibromo-3-Chloropropane	240	172.7		ug/m3	71	66 - 130	55 - 141	
1,2-Dibromoethane	190	144.8		ug/m3	75	70 - 130	60 - 140	
1,2-Dichlorobenzene	150	106.7		ug/m3	71	68 - 130	58 - 140	
1,2-Dichloroethane	100	79.82		ug/m3	79	65 - 136	53 - 148	
1,2-Dichloropropane	120	91.50		ug/m3	79	68 - 132	57 - 143	
1,3,5-Trimethylbenzene	120	86.86		ug/m3	71	69 - 130	59 - 140	
1,3-Dichlorobenzene	150	110.6		ug/m3	74	65 - 130	54 - 141	
1,4-Dichlorobenzene	150	110.2		ug/m3	73	64 - 130	53 - 141	
2-Butanone	74	58.69		ug/m3	80	66 - 143	53 - 156	
2-Hexanone	100	75.28		ug/m3	73	64 - 139	52 - 152	
4-Ethyltoluene	120	88.77		ug/m3	72	69 - 130	59 - 140	
4-Methyl-2-pentanone	100	78.91		ug/m3	77	65 - 135	53 - 147	
Acetone	59	47.28		ug/m3	80	70 - 130	60 - 140	
Benzene	80	63.90		ug/m3	80	68 - 134	57 - 145	
Benzyl chloride	130	87.71	*- me	ug/m3	68	70 - 130	60 - 140	ME
Bromodichloromethane	170	132.4		ug/m3	79	69 - 132	59 - 143	
Bromoform	260	203.8		ug/m3	79	70 - 130	60 - 140	
Bromomethane	97	83.83		ug/m3	86	65 - 130	54 - 141	
cis-1,2-Dichloroethene	99	85.78		ug/m3	87	70 - 130	60 - 140	
cis-1,3-Dichloropropene	110	93.23		ug/m3	82	70 - 134	59 - 145	
Carbon disulfide	78	61.95		ug/m3	80	70 - 130	60 - 140	
Carbon tetrachloride	160	125.4		ug/m3	80	68 - 133	57 - 144	
Chlorobenzene	120	88.06		ug/m3	77	70 - 130	60 - 140	
Chloroethane	66	55.87		ug/m3	85	66 - 134	55 - 145	

Marginal Exceedance (ME) Summary

Client: Roux Associates, Inc.
Job ID: 570-93118-1
Project/Site: First Indiustrial-Ontario / 3661.0016L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-228550/5
Matrix: Air

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Chloroform	120	100.3		ug/m3	82	67 - 131	56 - 142	
Chloromethane	52	40.57		ug/m3	79	60 - 137	47 - 150	
Dibromochloromethane	210	162.9		ug/m3	76	70 - 130	60 - 140	
Dichlorodifluoromethane	120	103.8		ug/m3	84	57 - 138	44 - 152	
Dichlorotetrafluoroethane	170	148.8		ug/m3	85	60 - 133	48 - 145	
Ethylbenzene	110	81.40		ug/m3	75	70 - 130	60 - 140	
Hexachloro-1,3-butadiene	270	186.8		ug/m3	70	58 - 130	46 - 142	
Isopropanol	61	47.51		ug/m3	77	64 - 133	53 - 145	
Methylene Chloride	87	73.77		ug/m3	85	65 - 130	54 - 141	
Methyl-t-Butyl Ether (MTBE)	90	75.82		ug/m3	84	70 - 130	60 - 140	
n-Butylbenzene	140	94.31		ug/m3	69	64 - 130	53 - 141	
o-Xylene	110	78.44		ug/m3	72	68 - 130	58 - 140	
m,p-Xylene	220	160.1		ug/m3	74	70 - 130	60 - 140	
sec-Butylbenzene	140	95.69		ug/m3	70	67 - 130	57 - 141	
Styrene	110	80.83		ug/m3	76	70 - 130	60 - 140	
trans-1,2-Dichloroethene	99	81.20		ug/m3	82	70 - 130	60 - 140	
trans-1,3-Dichloropropene	110	89.63		ug/m3	79	66 - 142	53 - 155	
tert-Butylbenzene	140	97.76		ug/m3	71	70 - 130	60 - 140	
Tetrachloroethene	170	131.7		ug/m3	78	70 - 130	60 - 140	
Toluene	94	70.33		ug/m3	75	70 - 130	60 - 140	
Trichloroethene	130	105.6		ug/m3	79	69 - 130	59 - 140	
Trichlorofluoromethane	140	116.0		ug/m3	83	62 - 139	49 - 152	
Vinyl acetate	88	70.55		ug/m3	80	64 - 139	52 - 152	
Vinyl chloride	64	55.21		ug/m3	86	65 - 130	54 - 141	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
57	3	1

ME = Marginal Exceedance

QC Association Summary

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-93118-1

Air - GC/MS VOA

Analysis Batch: 228287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-93118-1	SV-1-10	Total/NA	Air	TO-15	
570-93118-2	SV-1-20	Total/NA	Air	TO-15	
570-93118-3	SV-2-5	Total/NA	Air	TO-15	
570-93118-4	SV-2-5-D	Total/NA	Air	TO-15	
570-93118-5	SV-2-15	Total/NA	Air	TO-15	
570-93118-6	SV-4-5	Total/NA	Air	TO-15	
570-93118-7	SV-4-15	Total/NA	Air	TO-15	
570-93118-8	SV-6-5	Total/NA	Air	TO-15	
570-93118-9	SV-6-15	Total/NA	Air	TO-15	
570-93118-10	SV-9-5	Total/NA	Air	TO-15	
MB 570-228287/7	Method Blank	Total/NA	Air	TO-15	
LCS 570-228287/3	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-228287/4	Lab Control Sample Dup	Total/NA	Air	TO-15	

Analysis Batch: 228550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-93118-11	SV-9-15	Total/NA	Air	TO-15	
570-93118-12	SV-7-5	Total/NA	Air	TO-15	
570-93118-13	SV-7-15	Total/NA	Air	TO-15	
570-93118-14	SV-8-5	Total/NA	Air	TO-15	
570-93118-15	SV-8-15	Total/NA	Air	TO-15	
MB 570-228550/8	Method Blank	Total/NA	Air	TO-15	
LCS 570-228550/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-228550/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

Lab Chronicle

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-93118-1

Client Sample ID: SV-1-10
Date Collected: 04/18/22 08:21
Date Received: 04/19/22 19:20

Lab Sample ID: 570-93118-1
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228287	04/22/22 04:21	QD3U	ECL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-1-20
Date Collected: 04/18/22 08:44
Date Received: 04/19/22 19:20

Lab Sample ID: 570-93118-2
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228287	04/22/22 05:11	QD3U	ECL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-2-5
Date Collected: 04/18/22 09:25
Date Received: 04/19/22 19:20

Lab Sample ID: 570-93118-3
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228287	04/22/22 06:04	QD3U	ECL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-2-5-D
Date Collected: 04/18/22 09:25
Date Received: 04/19/22 19:20

Lab Sample ID: 570-93118-4
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228287	04/22/22 06:56	QD3U	ECL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-2-15
Date Collected: 04/18/22 09:49
Date Received: 04/19/22 19:20

Lab Sample ID: 570-93118-5
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228287	04/22/22 07:52	QD3U	ECL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-4-5
Date Collected: 04/18/22 10:28
Date Received: 04/19/22 19:20

Lab Sample ID: 570-93118-6
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228287	04/22/22 08:57	QD3U	ECL 4
	Instrument ID: GCMSNN									

Lab Chronicle

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-93118-1

Client Sample ID: SV-4-15
Date Collected: 04/18/22 10:24
Date Received: 04/19/22 19:20

Lab Sample ID: 570-93118-7
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228287	04/22/22 09:54	QD3U	ECL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-6-5
Date Collected: 04/18/22 11:26
Date Received: 04/19/22 19:20

Lab Sample ID: 570-93118-8
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228287	04/22/22 10:42	QD3U	ECL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-6-15
Date Collected: 04/18/22 11:13
Date Received: 04/19/22 19:20

Lab Sample ID: 570-93118-9
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228287	04/22/22 11:40	QD3U	ECL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-9-5
Date Collected: 04/18/22 12:47
Date Received: 04/19/22 19:20

Lab Sample ID: 570-93118-10
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228287	04/22/22 12:34	QD3U	ECL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-9-15
Date Collected: 04/18/22 13:39
Date Received: 04/19/22 19:20

Lab Sample ID: 570-93118-11
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228550	04/22/22 22:42	QD3U	ECL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-7-5
Date Collected: 04/18/22 13:30
Date Received: 04/19/22 19:20

Lab Sample ID: 570-93118-12
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228550	04/22/22 23:43	QD3U	ECL 4
	Instrument ID: GCMSNN									

Lab Chronicle

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-93118-1

Client Sample ID: SV-7-15

Lab Sample ID: 570-93118-13

Date Collected: 04/18/22 13:19
Matrix: Air
Date Received: 04/19/22 19:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228550	04/23/22 00:43	QD3U	ECL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-8-5

Lab Sample ID: 570-93118-14

Date Collected: 04/18/22 14:16
Matrix: Air
Date Received: 04/19/22 19:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228550	04/23/22 01:33	QD3U	ECL 4
	Instrument ID: GCMSNN									

Client Sample ID: SV-8-15

Lab Sample ID: 570-93118-15

Date Collected: 04/18/22 14:05
Matrix: Air
Date Received: 04/19/22 19:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	250 mL	250 mL	228550	04/23/22 02:21	QD3U	ECL 4
	Instrument ID: GCMSNN									

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Roux Associates, Inc. Job ID: 570-93118-1
Project/Site: First Indiustrial-Ontario / 3661.0016L

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,1,1-Trichloroethane
TO-15		Air	1,1,2,2-Tetrachloroethane
TO-15		Air	1,1,2-Trichloro-1,2,2-trifluoroethane
TO-15		Air	1,1,2-Trichloroethane
TO-15		Air	1,1-Dichloroethane
TO-15		Air	1,1-Dichloroethene
TO-15		Air	1,1-Difluoroethane
TO-15		Air	1,2,4-Trichlorobenzene
TO-15		Air	1,2,4-Trimethylbenzene
TO-15		Air	1,2-Dibromo-3-Chloropropane
TO-15		Air	1,2-Dibromoethane
TO-15		Air	1,2-Dichlorobenzene
TO-15		Air	1,2-Dichloroethane
TO-15		Air	1,2-Dichloropropane
TO-15		Air	1,3,5-Trimethylbenzene
TO-15		Air	1,3-Dichlorobenzene
TO-15		Air	1,4-Dichlorobenzene
TO-15		Air	2-Butanone
TO-15		Air	2-Hexanone
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Methyl-2-pentanone
TO-15		Air	Acetone
TO-15		Air	Benzene
TO-15		Air	Benzyl chloride
TO-15		Air	Bromodichloromethane
TO-15		Air	Bromoform
TO-15		Air	Bromomethane
TO-15		Air	Carbon disulfide
TO-15		Air	Carbon tetrachloride
TO-15		Air	Chlorobenzene
TO-15		Air	Chloroethane
TO-15		Air	Chloroform
TO-15		Air	Chloromethane
TO-15		Air	cis-1,2-Dichloroethene
TO-15		Air	cis-1,3-Dichloropropene
TO-15		Air	Dibromochloromethane
TO-15		Air	Dichlorodifluoromethane
TO-15		Air	Dichlorotetrafluoroethane
TO-15		Air	Ethylbenzene
TO-15		Air	Hexachloro-1,3-butadiene
TO-15		Air	Isopropanol
TO-15		Air	m,p-Xylene
TO-15		Air	Methylene Chloride
TO-15		Air	Methyl-t-Butyl Ether (MTBE)
TO-15		Air	n-Butylbenzene

Client: Roux Associates, Inc. Job ID: 570-93118-1
Project/Site: First Indiustrial-Ontario / 3661.0016L

Laboratory: Eurofins Calscience (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	o-Xylene
TO-15		Air	sec-Butylbenzene
TO-15		Air	Styrene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrachloroethene
TO-15		Air	Toluene
TO-15		Air	trans-1,2-Dichloroethene
TO-15		Air	trans-1,3-Dichloropropene
TO-15		Air	Trichloroethene
TO-15		Air	Trichlorofluoromethane
TO-15		Air	Vinyl acetate
TO-15		Air	Vinyl chloride

Oregon	NELAP	CA300001	01-31-23

Method Summary

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-93118-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	ECL 4

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job ID: 570-93118-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-93118-1	SV-1-10	Air	04/18/22 08:21	04/19/22 19:20	Air Canister (1-Liter) #LC1022
570-93118-2	SV-1-20	Air	04/18/22 08:44	04/19/22 19:20	Air Canister (1-Liter) #LC675
570-93118-3	SV-2-5	Air	04/18/22 09:25	04/19/22 19:20	Air Canister (1-Liter) #LC293
570-93118-4	SV-2-5-D	Air	04/18/22 09:25	04/19/22 19:20	Air Canister (1-Liter) #LC976
570-93118-5	SV-2-15	Air	04/18/22 09:49	04/19/22 19:20	Air Canister (1-Liter) #LC1279
570-93118-6	SV-4-5	Air	04/18/22 10:28	04/19/22 19:20	Air Canister (1-Liter) #LC815
570-93118-7	SV-4-15	Air	04/18/22 10:24	04/19/22 19:20	Air Canister (1-Liter) #LC1169
570-93118-8	SV-6-5	Air	04/18/22 11:26	04/19/22 19:20	Air Canister (1-Liter) #SLC024
570-93118-9	SV-6-15	Air	04/18/22 11:13	04/19/22 19:20	Air Canister (1-Liter) #LC770
570-93118-10	SV-9-5	Air	04/18/22 12:47	04/19/22 19:20	Air Canister (1-Liter) #LC578
570-93118-11	SV-9-15	Air	04/18/22 13:39	04/19/22 19:20	Air Canister (1-Liter) #LC363
570-93118-12	SV-7-5	Air	04/18/22 13:30	04/19/22 19:20	Air Canister (1-Liter) #LC152
570-93118-13	SV-7-15	Air	04/18/22 13:19	04/19/22 19:20	Air Canister (1-Liter) #SLC018
570-93118-14	SV-8-5	Air	04/18/22 14:16	04/19/22 19:20	Air Canister (1-Liter) #LC645
570-93118-15	SV-8-15	Air	04/18/22 14:05	04/19/22 19:20	Air Canister (1-Liter) #LC483

Patel, Virendra

From: Peter Shimer <pshimer@rouxinc.com>
Sent: Wednesday, April 20, 2022 10:04 AM
To: Patel, Virendra
Cc: David Smith; Ian Cross
Subject: Re: <RESPONSE REQUESTED> Eurofins Calscience sample confirmation files from 570-93118-1 First Indiustrial-Ontario / 3661.0016L
Attachments: mime-attachment.jpg; mime-attachment.jpg; SampleLoginAck_570-93118-1 [Std_Tal_Login_Ack].pdf; COC 570-93118 (202204192023).pdf

EXTERNAL EMAIL*

Please report ug/m3 as well, thank you.

Peter

Sent from my iPhone

> On Apr 20, 2022, at 10:00 AM, Virendra Patel <Virendra.Patel@et.eurofinsus.com> wrote:
>
> **This message originated outside your organization. Please use caution!**
>
> Hello,
>
> Attached please find the sample confirmation files for job 570-93118-1; First Indiustrial-Ontario / 3661.0016L
>
> 1. The TO-15 results are set to report with "ppb v/v" units
>
> ACTION - Please advise at your earliest convienience if you reuqire results with alternate units or dual units.
>
> Please feel free to contact me if you have any questions.
>
> Thank you.
>
> **Virendra Patel**
> Project Manager
>
> Eurofins Calscience

Phone: 714-895-5494
Mobile: 714-887-9901

E-mail: Virendra.Patel@et.eurofinsus.com
www.eurofinsus.com/env

Reference: [570-311869]
Attachments: 2

> > Bank information has changed, please refer to remittance information on invoice. < <

eurofins | Calscience

7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

570-93118 Chain of Custody

Loc: 570
93118

AIR CHAIN OF CUSTO. . RECORD

DATE: 4-18-2022

PAGE 1 OF 1

LABORATORY CLIENT: Roux Associates, Inc.	CLIENT PROJECT NAME / NUMBER: FIRTH Ontario	P O NO: 57010772
ADDRESS: 5150 E. Pacific Coast Hwy, suite 450	PROJECT ADDRESS: 2042 South Grove Ave	LAB CONTACT OR QUOTE NO:
CITY: Long Beach STATE: CA ZIP: 90804	CITY: Ontario STATE: CA ZIP:	SAMPLER(S) (PRINT): Ian Cross
TEL: 310-879-4908 E-MAIL: pshimer@rouxinc.com	PROJECT CONTACT: Peter Shimer	

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD")
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ EDD ☐ UNITS

SPECIAL INSTRUCTIONS: 1,1-DFA used as a tracer Compound

— Note. Need results by April 27th —

REQUESTED ANALYSES: 5I-01 by VOCs

LAB USE ONLY	SAMPLE ID	FIELD ID / POINT OF COLLECTION	Air Type (I) Indoor (SV) Soil Vap (A) Ambient	Sampling Equipment: Media ID #	Canister Size 6L or 1L	Flow Controller ID #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ('Hg)	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ('Hg)	5I-01 by VOCs
1	SV-1-10		SV	LC1022	1L	A107	4-18-22	0816	-30	4-18-22	0821	-5	X
2	SV-1-20		SV	LC675	1L	A14	4-18-22	0838	-30	4-18-22	0844	-5	X
3	SV-2-5		SV	LC293	1L	A403	4-18-22	0920	-30	4-18-22	0925	-5	X
4	SV-2-5-D		SV	LC976	1L	A403	4-18-22	0920	-30	4-18-22	0925	-3	X
5	SV-2-15		SV	LC1279	1L	A402	4-18-22	0944	-30	4-18-22	0949	-5	X
6	SV-4-5		SV	LC815	1L	A80	4-18-22	1023	-30	4-18-22	1028	-5	X
7	SV-4-15		SV	LC1169	1L	A511	4-18-22	1019	-30	4-18-22	1024	-5	X
8	SV-6-5		SV	LC024	1L	A289	4-18-22	1121	-30	4-18-22	1126	-5	X
9	SV-6-15		SV	LC1170	1L	A344	4-18-22	1141	-30	4-18-22	1113	-5	X
10	SV-9-5		SV	LC578	1L	A162	4-18-22	1241	-30	4-18-22	1247	-3	X
11	SV-9-15		SV	LC363	1L	A23	4-18-22	1233	-30	4-18-22	1239	-4	X
12	SV-7-5		SV	LC1518	1L	A146	4-18-22	1325	-30	4-18-22	1330	-5	X
13	SV-7-15		SV	LC018	1L	A308	4-18-22	1314	-30	4-18-22	1319	-4	X
14	SV-8-5		SV	LC645	1L	A357	4-18-22	1410	-30	4-18-22	1416	-5	X
15	SV-8-15		SV	LC483	1L	A479	4-18-22	1400	-29	4-18-22	1405	-5	X

Relinquished by (Signature): Ian Cross	Received by (Signature/Affiliation): EC	Date: 4/19/22	Time: 1245
Relinquished by (Signature):	Received by (Signature/Affiliation): EC	Date: 4/19/22	Time: 1920
Relinquished by (Signature):	Received by (Signature/Affiliation):	Date:	Time:

06/02/14 Revision

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 570-93118-1

Login Number: 93118
List Number: 1
Creator: Cruise, Noel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Summa Canister Dilution Worksheet

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job No.: 570-93118-1

Lab Sample ID	Canister Volume (L)	Presampling Pressure ("Hg)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initials
570-93118-1	1	-29.5	-5.4	0.82	0.82	-2.65223	0.82	0.82		1.00	1.00	AIR MG-4	04/22/22 12:05	QD3U
570-93118-2	1	-29.5	-2.8	0.91	0.91	-1.37523	0.91	0.91		1.00	1.00	AIR MG-4	04/22/22 12:05	QD3U
570-93118-3	1	-29.5	-4.4	0.85	0.85	-2.16108	0.85	0.85		1.00	1.00	AIR MG-4	04/22/22 12:05	QD3U
570-93118-4	1	-29.5	-5.0	0.83	0.83	-2.45577	0.83	0.83		1.00	1.00	AIR MG-4	04/22/22 12:05	QD3U
570-93118-5	1	-29.5	-6.6	0.78	0.78	-3.24162	0.78	0.78		1.00	1.00	AIR MG-4	04/22/22 12:05	QD3U
570-93118-6	1	-29.5	-8.6	0.71	0.71	-4.22393	0.71	0.71		1.00	1.00	AIR MG-4	04/22/22 12:06	QD3U
570-93118-7	1	-29.5	-6.8	0.77	0.77	-3.33985	0.77	0.77		1.00	1.00	AIR MG-4	04/22/22 12:06	QD3U
570-93118-8	1	-29.5	-7.6	0.75	0.75	-3.73277	0.75	0.75		1.00	1.00	AIR MG-4	04/22/22 12:06	QD3U
570-93118-9	1	-29.5	-6.8	0.77	0.77	-3.33985	0.77	0.77		1.00	1.00	AIR MG-4	04/22/22 12:06	QD3U
570-93118-10	1	-29.5	-4.4	0.85	0.85	-2.16108	0.85	0.85		1.00	1.00	AIR MG-4	04/22/22 12:06	QD3U
570-93118-11	1	-29.5	-5.0	0.83	0.83	-2.45577	0.83	0.83		1.00	1.00	AIR MG-4	04/22/22 12:06	QD3U
570-93118-12	1	-29.5	-8.0	0.73	0.73	-3.92923	0.73	0.73		1.00	1.00	AIR MG-4	04/22/22 12:07	QD3U
570-93118-13	1	-29.5	-7.6	0.75	0.75	-3.73277	0.75	0.75		1.00	1.00	AIR MG-4	04/22/22 12:07	QD3U
570-93118-14	1	-29.5	-5.2	0.83	0.83	-2.554	0.83	0.83		1.00	1.00	AIR MG-4	04/22/22 12:07	QD3U
570-93118-15	1	-29.5	-7.6	0.75	0.75	-3.73277	0.75	0.75		1.00	1.00	AIR MG-4	04/22/22 12:07	QD3U

Summa Canister Dilution Worksheet

Client: Roux Associates, Inc.
Project/Site: First Indiustrial-Ontario / 3661.0016L

Job No.: 570-93118-1

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Human Health Screening Evaluation

2042 South Grove Avenue
Ontario, California

December 14, 2022

Prepared for:

First Industrial Realty Trust, Inc., First Industrial, L.P.

Prepared by:

Roux Associates, Inc.
5150 E. Pacific Coast Highway, Suite 450
Long Beach, California, 90804

3661.0016L109/R

Table of Contents

Table

Attachment

Human Health Screening Evaluation
2042 South Grove Avenue
Ontario, California

December 14, 2022

Prepared By:

Ariel Newman, MS
Senior Scientist

Andrew Shapero, MPH
Senior Engineer

Executive Summary

On behalf of First Industrial Realty Trust, Inc., First Industrial, L.P., First Industrial Acquisitions II, LLC and their affiliates and assigns (Client), Roux Associates, Inc. (Roux) has prepared this limited *Human Health Risk Assessment* (HHRA) for the property located at 2042 South Grove Avenue, Ontario, California (the Subject Property). The objective of the limited HHRA was to provide a conservative evaluation of the potential risk to indoor commercial/industrial workers from exposure to chemicals detected in the soil vapor at the Subject Property in April 2022. The limited HHRA determined that carcinogenic risk and non-carcinogenic hazard to human receptors for current and future commercial/industrial indoor air scenarios at the Subject Property are within acceptable ranges.

The limited HHRA calculated the estimated risks associated with the presence of these chemicals of potential concern (COPCs) where exposure pathways are considered potentially complete pursuant to the Department of Toxic Substance Control (DTSC) *Preliminary Endangerment Assessment Guidance Manual* (PEA Guidance; DTSC, 2015).

The risk characterization process integrates the results of the data evaluation, exposure assessment, and toxicity assessment to provide a quantitative estimation of cumulative non-carcinogenic and carcinogenic risks for indoor commercial/industrial exposure to indoor air at the Subject Property as summarized in the table below.

Cumulative Cancer and Non-Cancer Risks

Risk	Target Threshold	Indoor Commercial/Industrial Exposure to Indoor Air	
		Estimated Risk	Exceed Risk Threshold?
Cancer Risk	1E-06 to 1E-04	3E-06	Within risk management target threshold range
Non-Cancer Hazard	1	4E-02	No

The cancer risk estimate for an indoor commercial/industrial scenario is within the risk management target cancer threshold range of 1E-06 to 1E-04. The non-cancer hazard estimate is below the non-cancer hazard target threshold of 1.

1. Introduction

On behalf of First Industrial Realty Trust, Inc., First Industrial, L.P., First Industrial Acquisitions II, LLC and their affiliates and assigns (Client), Roux Associates, Inc. (Roux) has prepared this limited *Human Health Risk Assessment* (HHRA) for the property located at 2042 South Grove Avenue, Ontario, California (the Subject Property). This limited HHRA was conducted to evaluate if chemicals of potential concern (COPCs) in soil vapor, collected by Roux in April 2022, pose an unacceptable level of risk to current and future indoor commercial/industrial worker receptors. To prepare the limited HHRA, Roux used the Department of Toxic Substance Control (DTSC) *Preliminary Endangerment Assessment Guidance Manual* (DTSC, 2015) as guidance. The HHRA consists of four components:

- **Evaluation of Exposure Pathways:** Exposure to chemicals may occur via inhalation of chemicals of potential concern (COPCs) present in soil vapor at the Subject Property.

- **Evaluation of Exposure to COPCs and Exposure Point Concentrations:** Identifies contaminants found in soil vapor at the Subject Property and determines appropriate exposure point concentrations (EPCs) for COPCs.

- **Evaluation of Chemical Toxicity:** Assesses the potential adverse effects of the COPCs and compiles non-carcinogenic and carcinogenic toxicity values for use in numerical risk estimates.

- **Risk Characterization:** Integrates the results of the hazard assessment to provide a quantitative estimation of non-carcinogenic and carcinogenic risks.

Default exposure parameters and toxicity criteria from the DTSC and United States Environmental Protection Agency (USEPA) were utilized to represent a Reasonable Maximum Exposure (RME) scenario. An RME scenario is the highest exposure that is reasonably expected to occur at a Subject Property. The limited HHRA evaluates current and future commercial/industrial worker exposure to indoor air at the Subject Property.

2. Background

The Subject Property consists of a 4.2-acre parcel located in the City of Ontario, San Bernardino County, California. From a review of available resources in the Phase I ESA concurrently completed by Roux, the Subject Property was undeveloped prior to 1933. By 1946, the Subject Property had been cultivated for agricultural purposes as an orchard. The Subject Property remained agricultural until 1966. The Subject Property was then operated as a lumberyard in 1985. The South Coast Air Quality Management District (SCAQMD) issued a permit to operate (ID 9007543) for a gasoline storage and dispensing facility for the former tenant, Grove Lumber & Building Supplies, on October 6, 1981. By 1985, the Subject Property was developed with two buildings, the present-day main building and another building to the south, and associated asphalt-parking areas. The Subject Property had two 1,000-gallon underground storage tanks (USTs) (gasoline and diesel) until their removal in August 1990. Results of confirmation soil sampling following removal of the USTs revealed no detectable concentrations of total petroleum hydrocarbons (TPH), and the San Bernardino County Fire Department (SBCFD) subsequently issued a No Further Action (NFA) letter in 1991. The City of Ontario issued a building permit for the installation of a 4,500 square foot storage area in May 1999. By 2002, the previous southern building had been demolished and replaced with the present-day secondary building, likely associated with the storage area building permit issued in 1999. It is noted the western and southern portion of the Subject Property appeared unpaved by 2002, consistent with the present-day storage area for excavated material generated off-site. HHS Construction has occupied the Subject Property since June 2009. Since 2012, the exterior western lot has been used to store vehicles and other material.

Based on the preliminary findings of the subject Phase I ESA, Roux performed a concurrent Phase II subsurface investigation at the Subject Property. The Phase II was conducted to assess the following:

- Staged material originating off-site;
- Historical agricultural use;
- Former gasoline and diesel underground storage tanks (USTs); and
- Potential for vapor intrusion.

Roux's *Phase II Subsurface Investigation Report* (Phase II Report) concluded the following:

- In soil (from the ground surface to 10 feet below ground surface (bgs)), volatile organic compounds (VOCs), metals, polychlorinated biphenyls (PCBs), organochlorine pesticides (OCPs) and asbestos are not considered to be COPCs at the locations sampled across the Subject Property.

- Limited detections of TPH in the diesel and motor oil ranges was identified in shallow soil in the area of below grade fill soil located in the southeast portion of the staging area. Roux understands that the fill soil in the staging area will be excavated and disposed of off-site in accordance with applicable regulations during future Subject Property redevelopment activities.

- In soil vapor, although several VOCs were detected above laboratory reporting limits, they were all below applicable screening levels, with the exception of tetrachloroethylene (PCE) in samples SV-7-5 and SV-9-5. PCE concentrations in these two samples exceeded the commercial/industrial DTSC Air Screening Level (SL) with a conservative 0.03 attenuation factor applied but did not exceed the USEPA Regional Screening Level (RSL).

3. Exposure Pathways and Media of Concern

Exposure pathways describe the course a chemical or physical agent takes from the source to the receptor (USEPA, 1989). Four components must be present for an exposure pathway to be complete:

- A primary source and mechanism of chemical release;
- A secondary source or transport medium (or media);
- A point of potential human contact with the contaminated medium (i.e., an exposure point); and
- An exposure route (e.g., ingestion, dermal contact, or inhalation).

The current and future intended use of the Subject Property is for industrial/commercial purposes, and this limited HHRA was completed to evaluate the current and future indoor commercial/industrial worker scenario. Use of the Subject Property for residential purposes was not quantitatively evaluated because there is no current or proposed residential use. However, residential use of the Subject Property is not prohibited by a Land Use Covenant (LUC). Future industrial/commercial receptor indoor air exposure is considered protective of current exposure because the maximum concentration or a 95% UCL of the mean concentration of COPCs in environmental soil vapor was assumed for the exposure scenario, regardless of sample location. As discussed below, points of potential future contact with COPCs are limited to indoor air.

3.1 Soil Pathway

Per the Phase II Report (Roux, 2022b), arsenic was detected in concentrations above screening values. However, the maximum detected arsenic concentration (5.30 mg/kg at B-5-3) was below the Southern California background arsenic concentration of 12 mg/kg (DTSC, 2020a). It is noted that limited detections of TPH were found in shallow soil at the area of below grade fill soil located within the staging area, which will reportedly be removed from the Subject Property. All other COPCs were detected at concentrations below screening values. As such, a quantitative evaluation of exposures to COPCs in soil was not completed as a part of this limited HHRA.

3.2 Groundwater/Surface Water Pathway

Per the Phase II Report (Roux, 2022b), depth to groundwater in the vicinity of the Subject Property is encountered at approximately 270 to 295 feet bgs. Roux did not collect groundwater data as part of the Phase I ESA or the Phase II Subsurface Investigation. Groundwater at the Subject Property is deeper than the maximum anticipated excavation depth during a construction worker scenario (down to 15 feet below surface). Consumption or ingestion of groundwater at the Subject Property is not prohibited; however, no groundwater wells are present on the Subject Property and current/future buildings are/will be connected to the municipal water source. As such, the groundwater pathway is not considered a complete exposure pathway and is not quantitatively evaluated as part of this limited HHRA.

3.3 Air Pathway

VOCs have been detected at the Subject Property in soil vapor samples that were collected 5 to 20 feet bgs. Therefore, vapor intrusion into indoor air is considered a potentially complete exposure pathway and was quantitatively evaluated in this HHRA.

3.4 Exposure Pathway Analysis

The current and future intended use of the Subject Property is for commercial/industrial space. Potential future receptors could include outdoor workers, construction workers, trespassers, and residents (as there is no LUC prohibiting residential use). However, based on the aforementioned information discussed in previous sections, this HHRA was limited to looking at the future indoor commercial/industrial receptor. Therefore, the conceptual site model (CSM) presented below illustrates potentially complete exposure pathways at the Subject Property evaluated in this limited HHRA:

Primary Source	Secondary Source	Exposure Media	Exposure Route	Receptor
Potential Historical Release(s)	Impacted Vadose Zone Soil Vapor	Indoor Air	Inhalation	•Indoor Commercial/Industrial Worker

4. Exposure Concentrations and Chemicals

4.1 Exposure Concentrations and Chemicals

Soil vapor sampling data utilized in the limited HHRA included samples collected by Roux in April 2022.

Exposure point concentrations (EPCs) for each media were equal to the following:

- **Soil vapor:** All compounds detected in soil vapor (VOCs) from the Roux April 2022 sampling event (Roux, 2022) were evaluated as COPCs:1,3,5-trimethylbenzene, 2-butanone, acetone, chloroethane, chloromethane, ethylbenzene, isopropanol, m,p-xylene, o-xylene, tetrachloroethene (PCE), toluene, and trichlorofluoromethane. For COPCs that were detected in ten or more samples, a 95% upper confidence limit (UCL) of the mean for samples up to 15 feet bgs was selected as the EPC for soil vapor. For the three contaminants detected in ten or more samples, no concentration measurements were statistical outliers (i.e., there are no hot spots). Therefore, the use of maximums and 95% UCLs is health protective. For COPCs that were detected in fewer than ten samples, the maximum detected concentration for samples up to 15 feet bgs was selected as the EPC for soil vapor. Roux April 2022 soil vapor samples were collected at 5 feet bgs, 10 feet bgs, 15 feet bgs, and 20 feet bgs. Soil vapor samples collected at 20 feet bgs (one sample) were excluded from this HHRA, consistent with guidance in Section 2A.3 of the Draft DTSC Supplemental Guidance (DTSC, 2020b).

Potential indoor air concentrations were calculated from soil vapor concentrations described above using methodology described in DTSC's *Preliminary Endangerment Assessment Guidance Manual* (PEA Guidance; DTSC, 2015) and DTSC's Vapor Intrusion Guidance (DTSC, 2011):

$$C_{indoor} = \alpha \times C_{soil\ vapor}$$

Where:

C_{indoor}= Indoor air concentration in µg/m^3
α= Attenuation factor (assumed to be equal to 0.03 consistent with assumptions for future commercial/industrial scenarios using HERO and USEPA media-specific assumptions, respectively per DTSC, 2015, DTSC, 2020b, and DTSC, 2011).
$C_{soil\ vapor}$=Soil vapor air concentration in µg/m^3

The table below provides a summary of the soil vapor data (excluding SV-1-20) utilized in the HHRA.

Summary of Soil Vapor Data Included in the HHRA

COPC	Number of Soil Vapor Samples	Number of Detections	Range of Detections (µg/m^3)	Soil Vapor Concentration (µg/m^3)	EPC Statistic
1,3,5-Trimethylbenzene	14	1	2.5 - 2.5	2.5E+00	Maximum
2-Butanone	14	10	4.3 - 17	1.1E+01	95% UCL
Acetone	14	14	6 - 100	4.7E+01	95% UCL
Chloroethane	14	1	1.4 - 1.4	1.4E+00	Maximum
Chloromethane	14	1	2.6 - 2.6	2.6E+00	Maximum
Ethylbenzene	14	1	3 - 3	3.0E+00	Maximum

COPC	Number of Soil Vapor Samples	Number of Detections	Range of Detections (µg/m^3)	Soil Vapor Concentration (µg/m^3)	EPC Statistic
Isopropanol	14	1	14 - 14	1.4E+01	Maximum
m,p-Xylene	14	1	11 - 11	1.1E+01	Maximum
o-Xylene	14	2	2.8 - 3.1	3.1E+00	Maximum
Tetrachloroethene	14	7	3.8 - 210	2.1E+02	Maximum
Toluene	14	9	2 - 6.3	6.3E+00	Maximum
Trichlorofluoromethane	14	12	7 - 110	8.2E+01	95% UCL

(1) µg/m^3 = micrograms per cubic meter.
(2) Data includes Roux April 2022 sampling event.
(3) Samples were collected from 13 unique location-depths. A duplicate sample was collected at SV-2-5.

4.2 Quantification of Exposure

This HHRA assumed default exposure factors in EPA RSL User's Guide for carcinogenic risk assessment of indoor worker exposure to air (USEPA, 2022b) and DTSC Note 1 (DTSC, 2019c). These exposure factors assume that the commercial/industrial worker is on-site 8 hours/day for 250 days/year for 25 years. For the cancer risk calculation, the lifetime averaging time is 70 years. If any of these default exposure assumptions is found to be invalid for this Subject Property, the HHRA may need to be revised. More details on calculation of risk and hazard from EPCs and the exposure factors presented here are described in **Sections 6.1 and 6.2**.

5. Toxicity Values

The toxicity assessment describes the quantitative relationship between the extent of exposure to a contaminant and the increased likelihood and/or severity of adverse effects. This quantitative relationship generally takes the form of toxicity values that are identified for use in risk evaluations. Toxicity values are used to quantify the chance of observing cancer or non-cancer effects in exposed receptors. Toxicity values may be based on epidemiological studies or animal studies.

Toxicity Values Utilized in the HHRA Indoor Air Evaluation

COPC	Non-Cancer Inhalation Reference Concentration (RfC) ($\mu g/m^3$)	Cancer Inhalation Unit Risk (IUR) $(\mu g/m^3)^{-1}$	Source
1,3,5-Trimethylbenzene	6.0E+01	--	EPA RSLs
2-Butanone	5.0E+03	--	EPA RSLs
Acetone	--	--	EPA RSLs
Chloroethane	4.0E+03	--	EPA RSLs
Chloromethane	9.0E+01	--	EPA RSLs
Ethylbenzene	1.0E+03	2.5E-06	EPA RSLs
Isopropanol	2.0E+02	--	EPA RSLs
m,p-Xylene	1.0E+02	--	EPA RSLs
o-Xylene	1.0E+02	--	EPA RSLs
Tetrachloroethene	4.0E+01	6.1E-06	DTSC Note 10
Toluene	3.0E+02	--	DTSC Note 10
Trichlorofluoromethane	1.2E+03	--	DTSC Note 10

(1) Only compounds detected in soil vapor samples were evaluated herein; compounds below the laboratory reporting limit in all samples were not evaluated.
(2) "--" = no toxicity value developed
(3) Toxicity values based on DTSC HHRA Note 10 (DTSC, 2019a) or USEPA's November 2022 RSLs (USEPA, 2022a).

5.1 Toxicity Information for Non-Carcinogenic Effects

In assessing the potential for non-cancer health effects, USEPA assumes there is a toxicological threshold below which no adverse health effects are observable (USEPA, 1993). These toxicological thresholds are represented by reference concentrations (RfCs) for inhalation exposures. The RfCs are estimates (with uncertainty spanning, in some cases, an order of magnitude) of daily exposures to the human population (including sensitive subgroups) that are likely to be without an appreciable risk of deleterious effects during a lifetime. USEPA derives RfCs using a standardized approach, considering available information from human and animal studies, which establish the levels below which toxicological effects are not observed and the uncertainties inherent in the available information (USEPA, 1993).

5.2 Toxicity Information for Carcinogenic Effects

USEPA uses a two-part evaluation in assessing potentially carcinogenic substances. In the first part, a chemical is assigned a weight-of-evidence classification, which reflects USEPA's assessment of the

likelihood that the chemical is a human carcinogen. For chemicals that are classified as possible, probable, or known human carcinogens, USEPA calculates an inhalation unit risk (IUR) for inhalation exposures when sufficient information is available to support the calculation. USEPA guidance indicates that a linear, no-threshold dose-response model is appropriate for carcinogenic risk assessment (USEPA, 2005). An extremely low level of exposure to a carcinogen may result in chromosomal or enzyme changes leading to cancer. Therefore, USEPA does not generally estimate thresholds for carcinogens. IURs are used to estimate the probability of a cancer effect occurring in a receptor exposed over their lifetime.

6. Risk Characterization Summary

The risk characterization process integrates the results of the data evaluation, exposure assessment, and toxicity assessment to provide a quantitative estimation of cumulative non-carcinogenic and carcinogenic risks for an indoor industrial/commercial worker's exposure to indoor air as summarized in the table below:

- **Indoor Commercial/Industrial Worker:** The cancer risk estimate for an indoor commercial/industrial scenario is within the risk management target cancer threshold range of 1E-06 to 1E-04. The non-cancer hazard estimate is below the non-cancer hazard target threshold of 1.

Cumulative Cancer and Non-Cancer Risks

Risk	Target Threshold	Indoor Commercial/Industrial Exposure to Indoor Air	
		Estimated Risk	Exceed Risk Threshold?
Cancer Risk	1E-06 to 1E-04	3E-06	Within risk management target threshold range
Non-Cancer Hazard	1	4E-02	No

As specified in DTSC HERO's Note 4 (DTSC, 2019b), risk estimates have been calculated using USEPA's attenuation factor of 0.03 (see **Table 1**).

6.1 Cancer Risks

For carcinogens, risk is expressed as the probability that an individual will develop cancer over a lifetime because of exposure to the carcinogen and is expressed as incremental lifetime cancer risk (ILCR). Carcinogenic risk for each compound is calculated according to the below equation, which is a modified version of the EPA RSL User's Guide carcinogenic screening level derivation equation indoor worker exposure to air (USEPA, 2022b):

$$ILCR = \frac{EPC \times IUR \times EF_{ind} \times ED_{ind} \times ET_{ind}}{LT \times C_1 \times C_2}$$

Where:
ILCR = incremental lifetime cancer risk (unitless)
EPC = indoor air concentration (µg/m^3)
IUR = inhalation unit risk (µg/m^3)$^{-1}$
EF_{ind} = exposure frequency (days/year)
ED_{ind} = exposure duration (years)
ET_{ind} = exposure time (hours)
LT = lifetime averaging time
C_1 = 365 days/year
C_2 = 24 hours/day

This HHRA assumed default exposure factors in EPA RSL User's Guide for carcinogenic risk assessment of indoor worker exposure to air (USEPA, 2022b) and DTSC Note 1 (DTSC, 2019c).

The combined risk from exposure to multiple constituents is evaluated by adding the risks from individual constituents, and multiple exposure pathways (as applicable) known as cumulative risk. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP; 40 CFR 300) indicates that the ILCR posed by a site should not exceed a range of 1E-04 to 1E-06. The estimated cancer risks at the Subject Property are within the risk management target cancer risk threshold range (1E-06 to 1E-04) for an indoor commercial/industrial worker.

Cumulative Cancer Risk

Media	Indoor Commercial/Industrial Exposure to Indoor Air	
	Estimated Risk	Exceed 1E-04?
Soil Vapor	3E-06	No

Risk estimates are provided in **Table 1**.

6.2 Non-Cancer Hazards

The non-carcinogenic hazard estimate is calculated according to the below equation to arrive at a Hazard Quotient (HQ) for each chemical. The below equation is a modified version of the EPA RSL User's Guide non-carcinogenic screening level derivation equation indoor worker exposure to air (USEPA, 2022b):[1]

$$HQ = \frac{\frac{EPC}{RfC} \times EF_{ind} \times ED_{ind} \times ET_{ind}}{ET_{ind} \times C_1 \times C_2}$$

Where:
HQ = hazard quotient (unitless)
EPC = indoor air concentration (µg/m^3)
RfC = reference concentration (µg/m^3)
EF_{ind} = exposure frequency (days/year)
ED_{ind} = exposure duration (years)
ET_{ind} = exposure time (hours)
C_1 = 365 days/year
C_2 = 24 hours/day

This HHRA assumed default exposure factors in EPA RSL User's Guide for non-carcinogenic risk assessment of indoor worker exposure to air (USEPA, 2022b) and DTSC Note 1 (DTSC, 2019c).

To assess the potential for non-carcinogenic health effects posed by exposure to multiple constituents, a Hazard Index (HI) approach is used. This approach assumes that non-carcinogenic hazards associated with exposure to more than one constituent are additive (HI = sum of the HQs). Synergistic or antagonistic interactions between constituents are not considered. The HI is then compared to the DTSC threshold of 1

[1] Per DTSC Note 3 (DTSC, 2022), DTSC uses the same equations as USEPA RSLs to derive its own DTSC screening levels.

(DTSC, 2015). The non-cancer hazard estimates for a future indoor commercial/industrial worker receptor does not exceed this threshold, as shown below.

Cumulative Non-Cancer Hazard

Media	Indoor Commercial/Industrial Exposure to Indoor Air	
	Estimated Risk	Exceed 1?
Soil Vapor	4E-02	No

Hazard estimates are provided in **Table 1.** For a more detailed description of the HHRA's conservative methodology, see the **Section 6.3**.

6.3 Uncertainty

Risk and hazard estimates resulting from application of this evaluation do not represent absolute estimates at a specific site because generic assumptions for commercial/industrial land use are utilized. Overall, carcinogenic excess lifetime cancer risk ILCR and non-carcinogenic HI presented in the HHRA are based upon conservative assumptions that are intended to be protective of human health by likely overestimating exposure to account for parameter uncertainty (RME exposure scenario). Therefore, the evaluation of current and future exposures in the HHRA is considered conservative.

Reliance on exposure point concentrations to quantify risk estimates inherently introduces uncertainty into risk and hazard estimates, due to uncertainty surrounding site characterization, and heterogeneity. Use of maximum concentrations or 95% UCLs of the mean as EPCs similarly introduces uncertainty, as these statistics almost certainly overestimate actual risk encountered. In particular, the maximum detected concentration was conservatively used to characterize the EPC for the main risk driver PCE. Additionally, for the indoor commercial/industrial worker indoor air exposure scenario, the attenuation factor of 0.03 is a conservative assumption, as DTSC will on occasion allow an attenuation factor of 0.0005 for vapor intrusion calculations.

For the indoor commercial/industrial worker exposure to indoor air pathway, toxicity values were not provided in DTSC HHRA Note 10 or USEPA 2022 RSLs for acetone. Therefore, this compound was not quantitatively evaluated in the HHRA. This omission is considered an area of uncertainty in the HHRA. However, given adoption of numerous conservative assumptions, this uncertainty is not considered to impact conclusions of the HHRA.

Uncertainty also lies in the exposure pathways and receptors evaluated. This limited HHRA only quantitatively evaluated indoor commercial/industrial worker exposure to indoor air. However, risk from the soil and groundwater consumption/ingestion pathways may exist, and other receptors may access the Subject Property in the future. Dermal contact with groundwater at the Subject Property for a construction worker is not considered given the depth to groundwater, but consumption or ingestion of groundwater at the Subject Property is possible as there are no restrictions on groundwater use at the Subject Property. No groundwater data was available, and if groundwater at the Subject Property becomes accessible in the future (through a potable or non-potable groundwater well) groundwater exposure would be a complete pathway

and the HHRA should be revised. Risk was not quantified for a construction worker, resident, outdoor commercial/industrial worker, or trespasser to soils. Even if TPH-soils are removed from the Subject Property in the future, other detected COPCs in soil that were well below screening levels may pose additional minimal, although non-zero, risk and hazard to construction workers, residents, outdoor commercial/industrial workers, and trespassers. The HHRA also did not evaluate the potential future residential exposure to indoor air, and the risk and hazard estimates from the commercial/industrial indoor air pathway evaluated in this HHRA would likely underestimate risk to residential receptors.

7. References

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TABLES

1. Summary of Hazard Indices and Incremental Lifetime Cancer Risk - Indoor Air Evaluation Based on Soil Vapor Concentrations: Indoor Commercial/Industrial Worker Exposure Scenario (Attenuation Factor 0.03)

Table 1: Summary of Hazard Indices and Incremental Lifetime Cancer Risk:
Indoor Commercial/Industrial Soil Vapor (0.03 AF)
2042 S Grove Avenue,
Ontario, California

Compound	Cas No.	Soil Vapor Concentration ($\mu g/m^3$)	Attenuation Factor (AF)	EPC ($\mu g/m^3$)	IUR $(\mu g/m^3)^{-1}$	RfC ($\mu g/m^3$)	Incremental Lifetime Cancer Risk (ILCR)	Hazard Quotient (HQ)
		(1)			(2)		(3)	(4)
1,3,5-Trimethylbenzene	108-67-8	2.50E+00	3.00E-02	7.50E-02	NC	6E+01	--	3E-04
2-Butanone	78-93-3	1.14E+01	3.00E-02	3.43E-01	NC	5E+03	--	2E-05
Acetone	67-64-1	4.74E+01	3.00E-02	1.42E+00	NC	NS	--	--
Chloroethane	75-00-3	1.40E+00	3.00E-02	4.20E-02	NC	4E+03	--	2E-06
Chloromethane	74-87-3	2.60E+00	3.00E-02	7.80E-02	NC	9E+01	--	2E-04
Ethylbenzene	100-41-4	3.00E+00	3.00E-02	9.00E-02	3E-06	1E+03	2E-08	2E-05
Isopropanol	67-63-0	1.40E+01	3.00E-02	4.20E-01	NC	2E+02	--	5E-04
m,p-Xylene	108-38-3	1.10E+01	3.00E-02	3.30E-01	NC	1E+02	--	8E-04
o-Xylene	95-47-6	3.10E+00	3.00E-02	9.30E-02	NC	1E+02	--	2E-04
Tetrachloroethene	127-18-4	2.10E+02	3.00E-02	6.30E+00	6E-06	4E+01	3E-06	4E-02
Toluene	108-88-3	6.30E+00	3.00E-02	1.89E-01	NC	3E+02	--	1E-04
Trichlorofluoromethane	75-69-4	8.18E+01	3.00E-02	2.45E+00	NC	1E+03	--	5E-04
						Total ILCR:	**3E-06**	
						Total HI:	**4E-02**	

Exposure Factors and Conversion Factors: (5)

Lifetime (LT)=	70 years	C1 =	365 days/year
Exposure frequency (EFind)=	250 days/year	C2 =	24 hours/day
Exposure Duration (EDind)=	25 years		
Exposure Time (ETind)=	8 hours/day		

Notes:

(1) Indoor Air Exposure Point Concentration (EPC) = soil gas concentration (µg/m3)*AF where AF=steady state attenuation factor. AF assumed to be equal to 0.03 for Soil Gas in Table: Medium-Specific Attenuation Factors for VI to Indoor Air. DTSC's Supplemental Guidance: Screening and Evaluating Vapor Intrusion (Draft for Public Comments). February 2020.

(2) Toxicological values as provided in HHSE text; utilized Human Health Risk Assessment Note 10, and USEPA Regional Screening Levels (RSLs) dated November 2022 when unavailable in Note 10.

(3) ILCR = [EPC * IUR * EF_{ind} * ED_{ind} * ET_{ind} * (1/C2)]/(LT * C1)

(4) HQ = [EPC * (1/RfC) * EFind * ED_{ind} * ET_{ind} * (1/C2)]/(ED_{ind} * C1)

(5) This HHRA assumed default exposure factors in EPA RSL User's Guide for carcinogenic risk assessment of indoor worker exposure to air (USEPA, 2022b) and DTSC Note 1 (DTSC, 2019c).

(6) NC = Not carcinogenic, NS = No standard, -- = No Risk Estimate

(7) $\mu g/m^3$ = micrograms per cubic meter

ATTACHMENT 1

ProUCL Output

	A	B	C	D	E	F	G	H	I	J	K	L
1	**UCL Statistics for Data Sets with Non-Detects**											
2												
3				User Selected Options								
4				Date/Time of Computation	ProUCL 5.15/23/2022 10:47:56 AM							
5				From File	sv_ProUCL_Input.xls							
6				Full Precision	OFF							
7				Confidence Coefficient	95%							
8				Number of Bootstrap Operations	2000							
9												
10	**2-Butanone**											
11												
12	**General Statistics**											
13					Total Number of Observations	14			Number of Distinct Observations	9		
14					Number of Detects	10			Number of Non-Detects	4		
15					Number of Distinct Detects	8			Number of Distinct Non-Detects	1		
16					Minimum Detect	4.3			Minimum Non-Detect	4.4		
17					Maximum Detect	17			Maximum Non-Detect	4.4		
18					Variance Detects	31.33			Percent Non-Detects	28.57%		
19					Mean Detects	10.58			SD Detects	5.597		
20					Median Detects	10.35			CV Detects	0.529		
21					Skewness Detects	0.0427			Kurtosis Detects	-2.167		
22					Mean of Logged Detects	2.21			SD of Logged Detects	0.595		
23												
24	**Normal GOF Test on Detects Only**											
25					Shapiro Wilk Test Statistic	0.816			**Shapiro Wilk GOF Test**			
26					5% Shapiro Wilk Critical Value	0.842			Detected Data Not Normal at 5% Significance Level			
27					Lilliefors Test Statistic	0.234			**Lilliefors GOF Test**			
28					5% Lilliefors Critical Value	0.262			Detected Data appear Normal at 5% Significance Level			
29	**Detected Data appear Approximate Normal at 5% Significance Level**											
30												
31	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
32					KM Mean	8.786			KM Standard Error of Mean	1.496		
33					KM SD	5.309			95% KM (BCA) UCL	11.34		
34					95% KM (t) UCL	11.43			95% KM (Percentile Bootstrap) UCL	11.19		
35					95% KM (z) UCL	11.25			95% KM Bootstrap t UCL	11.78		
36					90% KM Chebyshev UCL	13.27			95% KM Chebyshev UCL	15.31		
37					97.5% KM Chebyshev UCL	18.13			99% KM Chebyshev UCL	23.67		
38												
39	**Gamma GOF Tests on Detected Observations Only**											
40					A-D Test Statistic	0.835			**Anderson-Darling GOF Test**			
41					5% A-D Critical Value	0.731			Detected Data Not Gamma Distributed at 5% Significance Level			
42					K-S Test Statistic	0.243			**Kolmogorov-Smirnov GOF**			
43					5% K-S Critical Value	0.268			Detected data appear Gamma Distributed at 5% Significance Level			
44	**Detected data follow Appr. Gamma Distribution at 5% Significance Level**											
45												
46	**Gamma Statistics on Detected Data Only**											
47					k hat (MLE)	3.523			k star (bias corrected MLE)	2.533		
48					Theta hat (MLE)	3.003			Theta star (bias corrected MLE)	4.177		
49					nu hat (MLE)	70.47			nu star (bias corrected)	50.66		
50					Mean (detects)	10.58						
51												
52	**Gamma ROS Statistics using Imputed Non-Detects**											
53	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs											

56	This is especially true when the sample size is small.											
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
58					Minimum	0.524				Mean	8.26	
59					Maximum	17				Median	5.05	
60					SD	6.063				CV	0.734	
61					k hat (MLE)	1.591				k star (bias corrected MLE)	1.298	
62					Theta hat (MLE)	5.192				Theta star (bias corrected MLE)	6.365	
63					nu hat (MLE)	44.55				nu star (bias corrected)	36.34	
64					Adjusted Level of Significance (β)	0.0312						
65					Approximate Chi Square Value (36.34, α)	23.54				Adjusted Chi Square Value (36.34, β)	22.18	
66					95% Gamma Approximate UCL (use when n>=50)	12.75				95% Gamma Adjusted UCL (use when n<50)	13.53	
67												
68	**Estimates of Gamma Parameters using KM Estimates**											
69					Mean (KM)	8.786				SD (KM)	5.309	
70					Variance (KM)	28.19				SE of Mean (KM)	1.496	
71					k hat (KM)	2.738				k star (KM)	2.199	
72					nu hat (KM)	76.67				nu star (KM)	61.58	
73					theta hat (KM)	3.208				theta star (KM)	3.995	
74					80% gamma percentile (KM)	13.01				90% gamma percentile (KM)	16.71	
75					95% gamma percentile (KM)	20.23				99% gamma percentile (KM)	27.98	
76												
77	**Gamma Kaplan-Meier (KM) Statistics**											
78					Approximate Chi Square Value (61.58, α)	44.53				Adjusted Chi Square Value (61.58, β)	42.61	
79					95% Gamma Approximate KM-UCL (use when n>=50)	12.15				95% Gamma Adjusted KM-UCL (use when n<50)	12.7	
80												
81	**Lognormal GOF Test on Detected Observations Only**											
82					Shapiro Wilk Test Statistic	0.818				**Shapiro Wilk GOF Test**		
83					5% Shapiro Wilk Critical Value	0.842				Detected Data Not Lognormal at 5% Significance Level		
84					Lilliefors Test Statistic	0.227				**Lilliefors GOF Test**		
85					5% Lilliefors Critical Value	0.262				Detected Data appear Lognormal at 5% Significance Level		
86	**Detected Data appear Approximate Lognormal at 5% Significance Level**											
87												
88	**Lognormal ROS Statistics Using Imputed Non-Detects**											
89					Mean in Original Scale	8.509				Mean in Log Scale	1.914	
90					SD in Original Scale	5.782				SD in Log Scale	0.709	
91					95% t UCL (assumes normality of ROS data)	11.25				95% Percentile Bootstrap UCL	11.05	
92					95% BCA Bootstrap UCL	11.19				95% Bootstrap t UCL	11.52	
93					95% H-UCL (Log ROS)	13.83						
94												
95	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
96					KM Mean (logged)	1.996				KM Geo Mean	7.357	
97					KM SD (logged)	0.586				95% Critical H Value (KM-Log)	2.168	
98					KM Standard Error of Mean (logged)	0.165				95% H-UCL (KM -Log)	12.42	
99					KM SD (logged)	0.586				95% Critical H Value (KM-Log)	2.168	
100					KM Standard Error of Mean (logged)	0.165						
101												
102	**DL/2 Statistics**											
103	**DL/2 Normal**									**DL/2 Log-Transformed**		
104					Mean in Original Scale	8.186				Mean in Log Scale	1.804	
105					SD in Original Scale	6.093				SD in Log Scale	0.831	
106					95% t UCL (Assumes normality)	11.07				95% H-Stat UCL	15.34	
107	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
108												
109	**Nonparametric Distribution Free UCL Statistics**											
110	**Detected Data appear Approximate Normal Distributed at 5% Significance Level**											

111												
112	**Suggested UCL to Use**											
113					95% KM (t) UCL	11.43						
114												
115	When a data set follows an approximate (e.g., normal) distribution passing one of the GOF test											
116	When applicable, it is suggested to use a UCL based upon a distribution (e.g., gamma) passing both GOF tests in ProUCL											
117												
118	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
119	Recommendations are based upon data size, data distribution, and skewness.											
120	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
121	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
122												
123												
124	**Acetone**											
125												
126	**General Statistics**											
127					Total Number of Observations	14			Number of Distinct Observations	14		
128									Number of Missing Observations	0		
129					Minimum	6			Mean	35.57		
130					Maximum	100			Median	25.5		
131					SD	25.04			Std. Error of Mean	6.692		
132					Coefficient of Variation	0.704			Skewness	1.427		
133												
134	**Normal GOF Test**											
135					Shapiro Wilk Test Statistic	0.867			**Shapiro Wilk GOF Test**			
136					5% Shapiro Wilk Critical Value	0.874			Data Not Normal at 5% Significance Level			
137					Lilliefors Test Statistic	0.205			**Lilliefors GOF Test**			
138					5% Lilliefors Critical Value	0.226			Data appear Normal at 5% Significance Level			
139	**Data appear Approximate Normal at 5% Significance Level**											
140												
141	**Assuming Normal Distribution**											
142					**95% Normal UCL**				**95% UCLs (Adjusted for Skewness)**			
143					95% Student's-t UCL	47.42			95% Adjusted-CLT UCL (Chen-1995)	49.31		
144									95% Modified-t UCL (Johnson-1978)	47.85		
145												
146	**Gamma GOF Test**											
147					A-D Test Statistic	0.296			**Anderson-Darling Gamma GOF Test**			
148					5% A-D Critical Value	0.745			Detected data appear Gamma Distributed at 5% Significance Level			
149					K-S Test Statistic	0.146			**Kolmogorov-Smirnov Gamma GOF Test**			
150					5% K-S Critical Value	0.231			Detected data appear Gamma Distributed at 5% Significance Level			
151	**Detected data appear Gamma Distributed at 5% Significance Level**											
152												
153	**Gamma Statistics**											
154					k hat (MLE)	2.408			k star (bias corrected MLE)	1.939		
155					Theta hat (MLE)	14.77			Theta star (bias corrected MLE)	18.34		
156					nu hat (MLE)	67.41			nu star (bias corrected)	54.3		
157					MLE Mean (bias corrected)	35.57			MLE Sd (bias corrected)	25.54		
158									Approximate Chi Square Value (0.05)	38.37		
159					Adjusted Level of Significance	0.0312			Adjusted Chi Square Value	36.6		
160												
161	**Assuming Gamma Distribution**											
162					95% Approximate Gamma UCL (use when n>=50))	50.34			95% Adjusted Gamma UCL (use when n<50)	52.78		
163												
164	**Lognormal GOF Test**											
165					Shapiro Wilk Test Statistic	0.969			**Shapiro Wilk Lognormal GOF Test**			

166				5% Shapiro Wilk Critical Value		0.874		Data appear Lognormal at 5% Significance Level				
167				Lilliefors Test Statistic		0.138		**Lilliefors Lognormal GOF Test**				
168				5% Lilliefors Critical Value		0.226		Data appear Lognormal at 5% Significance Level				
169	**Data appear Lognormal at 5% Significance Level**											
170												
171	**Lognormal Statistics**											
172				Minimum of Logged Data		1.792		Mean of logged Data			3.35	
173				Maximum of Logged Data		4.605		SD of logged Data			0.713	
174												
175	**Assuming Lognormal Distribution**											
176				95% H-UCL		58.52		90% Chebyshev (MVUE) UCL			57.57	
177				95% Chebyshev (MVUE) UCL		67.36		97.5% Chebyshev (MVUE) UCL			80.96	
178				99% Chebyshev (MVUE) UCL		107.7						
179												
180	**Nonparametric Distribution Free UCL Statistics**											
181	**Data appear to follow a Discernible Distribution at 5% Significance Level**											
182												
183	**Nonparametric Distribution Free UCLs**											
184				95% CLT UCL		46.58		95% Jackknife UCL			47.42	
185				95% Standard Bootstrap UCL		46.17		95% Bootstrap-t UCL			54.29	
186				95% Hall's Bootstrap UCL		52.29		95% Percentile Bootstrap UCL			46.64	
187				95% BCA Bootstrap UCL		48.86						
188				90% Chebyshev(Mean, Sd) UCL		55.65		95% Chebyshev(Mean, Sd) UCL			64.74	
189				97.5% Chebyshev(Mean, Sd) UCL		77.37		99% Chebyshev(Mean, Sd) UCL			102.2	
190												
191	**Suggested UCL to Use**											
192				95% Student's-t UCL		47.42						
193												
194	When a data set follows an approximate (e.g., normal) distribution passing one of the GOF test											
195	When applicable, it is suggested to use a UCL based upon a distribution (e.g., gamma) passing both GOF tests in ProUCL											
196												
197	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
198	Recommendations are based upon data size, data distribution, and skewness.											
199	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
200	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
201												
202	**Trichlorofluoromethane**											
203												
204	**General Statistics**											
205				Total Number of Observations		14		Number of Distinct Observations			12	
206				Number of Detects		12		Number of Non-Detects			2	
207				Number of Distinct Detects		11		Number of Distinct Non-Detects			1	
208				Minimum Detect		7		Minimum Non-Detect			5.6	
209				Maximum Detect		110		Maximum Non-Detect			5.6	
210				Variance Detects		1091		Percent Non-Detects			14.29%	
211				Mean Detects		37		SD Detects			33.04	
212				Median Detects		21.5		CV Detects			0.893	
213				Skewness Detects		1.294		Kurtosis Detects			0.621	
214				Mean of Logged Detects		3.27		SD of Logged Detects			0.856	
215												
216	**Normal GOF Test on Detects Only**											
217				Shapiro Wilk Test Statistic		0.808		**Shapiro Wilk GOF Test**				
218				5% Shapiro Wilk Critical Value		0.859		Detected Data Not Normal at 5% Significance Level				
219				Lilliefors Test Statistic		0.32		**Lilliefors GOF Test**				
220				5% Lilliefors Critical Value		0.243		Detected Data Not Normal at 5% Significance Level				

221	**Detected Data Not Normal at 5% Significance Level**											
222												
223	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
224					KM Mean	32.51			KM Standard Error of Mean	8.731		
225					KM SD	31.28			95% KM (BCA) UCL	46.73		
226					95% KM (t) UCL	47.98			95% KM (Percentile Bootstrap) UCL	46.19		
227					95% KM (z) UCL	46.88			95% KM Bootstrap t UCL	54.36		
228					90% KM Chebyshev UCL	58.71			95% KM Chebyshev UCL	70.57		
229					97.5% KM Chebyshev UCL	87.04			99% KM Chebyshev UCL	119.4		
230												
231	**Gamma GOF Tests on Detected Observations Only**											
232					A-D Test Statistic	0.587			**Anderson-Darling GOF Test**			
233					5% A-D Critical Value	0.745			Detected data appear Gamma Distributed at 5% Significance Level			
234					K-S Test Statistic	0.261			**Kolmogorov-Smirnov GOF**			
235					5% K-S Critical Value	0.249			Detected Data Not Gamma Distributed at 5% Significance Level			
236	**Detected data follow Appr. Gamma Distribution at 5% Significance Level**											
237												
238	**Gamma Statistics on Detected Data Only**											
239					k hat (MLE)	1.612			k star (bias corrected MLE)	1.264		
240					Theta hat (MLE)	22.96			Theta star (bias corrected MLE)	29.27		
241					nu hat (MLE)	38.68			nu star (bias corrected)	30.34		
242					Mean (detects)	37						
243												
244	**Gamma ROS Statistics using Imputed Non-Detects**											
245	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
246	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
247	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
248	This is especially true when the sample size is small.											
249	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
250					Minimum	0.01			Mean	31.72		
251					Maximum	110			Median	19		
252					SD	33.23			CV	1.048		
253					k hat (MLE)	0.486			k star (bias corrected MLE)	0.43		
254					Theta hat (MLE)	65.23			Theta star (bias corrected MLE)	73.82		
255					nu hat (MLE)	13.61			nu star (bias corrected)	12.03		
256					Adjusted Level of Significance (β)	0.0312						
257					Approximate Chi Square Value (12.03, α)	5.247			Adjusted Chi Square Value (12.03, β)	4.665		
258					95% Gamma Approximate UCL (use when n>=50)	72.72			95% Gamma Adjusted UCL (use when n<50)	81.78		
259												
260	**Estimates of Gamma Parameters using KM Estimates**											
261					Mean (KM)	32.51			SD (KM)	31.28		
262					Variance (KM)	978.3			SE of Mean (KM)	8.731		
263					k hat (KM)	1.081			k star (KM)	0.897		
264					nu hat (KM)	30.26			nu star (KM)	25.11		
265					theta hat (KM)	30.09			theta star (KM)	36.26		
266					80% gamma percentile (KM)	52.76			90% gamma percentile (KM)	76.9		
267					95% gamma percentile (KM)	101.3			99% gamma percentile (KM)	158.3		
268												
269	**Gamma Kaplan-Meier (KM) Statistics**											
270					Approximate Chi Square Value (25.11, α)	14.69			Adjusted Chi Square Value (25.11, β)	13.65		
271					95% Gamma Approximate KM-UCL (use when n>=50)	55.56			95% Gamma Adjusted KM-UCL (use when n<50)	59.83		
272												
273	**Lognormal GOF Test on Detected Observations Only**											
274					Shapiro Wilk Test Statistic	0.943			**Shapiro Wilk GOF Test**			
275					5% Shapiro Wilk Critical Value	0.859			Detected Data appear Lognormal at 5% Significance Level			

276					Lilliefors Test Statistic	0.209	**Lilliefors GOF Test**					
277					5% Lilliefors Critical Value	0.243	Detected Data appear Lognormal at 5% Significance Level					
278	**Detected Data appear Lognormal at 5% Significance Level**											
279												
280	**Lognormal ROS Statistics Using Imputed Non-Detects**											
281					Mean in Original Scale	32.21	Mean in Log Scale	2.978				
282					SD in Original Scale	32.74	SD in Log Scale	1.084				
283					95% t UCL (assumes normality of ROS data)	47.71	95% Percentile Bootstrap UCL	46.11				
284					95% BCA Bootstrap UCL	49.36	95% Bootstrap t UCL	56.01				
285					95% H-UCL (Log ROS)	85.41						
286												
287	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
288					KM Mean (logged)	3.049	KM Geo Mean	21.09				
289					KM SD (logged)	0.932	95% Critical H Value (KM-Log)	2.681				
290					KM Standard Error of Mean (logged)	0.26	95% H-UCL (KM -Log)	65.1				
291					KM SD (logged)	0.932	95% Critical H Value (KM-Log)	2.681				
292					KM Standard Error of Mean (logged)	0.26						
293												
294	**DL/2 Statistics**											
295	**DL/2 Normal**						**DL/2 Log-Transformed**					
296					Mean in Original Scale	32.11	Mean in Log Scale	2.95				
297					SD in Original Scale	32.83	SD in Log Scale	1.132				
298					95% t UCL (Assumes normality)	47.65	95% H-Stat UCL	93.41				
299	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
300												
301	**Nonparametric Distribution Free UCL Statistics**											
302	**Detected Data appear Approximate Gamma Distributed at 5% Significance Level**											
303												
304	**Suggested UCL to Use**											
305					95% KM Adjusted Gamma UCL	59.83	95% GROS Adjusted Gamma UCL	81.78				
306												
307	When a data set follows an approximate (e.g., normal) distribution passing one of the GOF test											
308	When applicable, it is suggested to use a UCL based upon a distribution (e.g., gamma) passing both GOF tests in ProUCL											
309												
310	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
311	Recommendations are based upon data size, data distribution, and skewness.											
312	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
313	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
314												

DEVELOPMENT ADVISORY BOARD DECISION

February 21, 2024

303 East B Street, Ontario, California 91764 Phone: 909.395.2036 / Fax: 909.395.2420

DECISION NO.: [insert #]

FILE NO.: PDEV22-040

DESCRIPTION: A public hearing to consider a Development Plan (File No. PDEV22-040) to construct a 61,867 square foot industrial building on 4.20-acres located at 2042 S. Grove Avenue within the Business Park land use designation of the Grove Avenue Specific Plan (APN: 105-049-111); **submitted by First Industrial Realty Trust.**

PART 1: BACKGROUND & ANALYSIS

FIRST INDUSTRIAL REALTY TRUST, (herein after referred to as "Applicant") has filed an application requesting approval of a Development Plan, File No. PDEV22-040, as described in the description of this Decision (herein after referred to as "Application" or "Project").

PROJECT SETTING: The Project site is comprised of 4.20-acres of land located at 2042 S. Grove Avenue and is depicted in Exhibit A: Project Location Map, attached. All existing industrial structures on the site will be razed to facilitate the new industrial development. The site is relatively flat, with a gentle north to south slope of just over one percent. Existing land uses, Policy Plan (general plan) and zoning designations, and specific plan land uses on and surrounding the project site are as follows:

	Existing Land Use	***Policy Plan Land Use Designation***	***Zoning Designation***	***Specific Plan Land Use Designation***
Site:	Industrial	Business Park (BP) 0.60 FAR	Grove Avenue Specific Plan	Office Commercial (SP Amendment File No. PSPA22-007 proposes land use change to Business Park as related application)
North:	Industrial	Business Park (BP) 0.60 FAR	Grove Avenue Specific Plan	Business Park
South:	Industrial	Business Park (BP) 0.60 FAR	Grove Avenue Specific Plan	Office Commercial
East:	Industrial	Business Park (BP) 0.60 FAR	Grove Avenue Specific Plan	Business Park
West:	Industrial	Industrial	General Industrial (IG)	N/A

	Existing Land Use	*Policy Plan Land Use Designation*	*Zoning Designation*	*Specific Plan Land Use Designation*
		0.55 FAR		

PROJECT ANALYSIS:

(1) Background — The Grove Avenue Specific Plan was originally adopted in 1993 to help facilitate development of the Grove Avenue Corridor as a light industrial and limited commercial business park. The specific plan covers approximately 250 acres of land along the east and west side of Grove Avenue between Mission Blvd. and the CA-60 Freeway. At the time of the specific plan's establishment, there were several driving factors that helped form the specific plan, such as the direct connection to the Ontario Airport and the increasing growth of industrial development. These factors, and others, continue to play a role in the development and improvement of the Grove Avenue Specific Plan.

On August 24, 2022, the Applicant submitted an application for a Development Plan (File No. PDEV22-040) to demolish an existing office and warehouse/storage building and construct a new 61,867 square foot industrial building, with associated site improvements, on 4.20-acres of land located at 2042 S. Grove Avenue within the Grove Avenue Specific Plan. The Project has been submitted in conjunction with a Specific Plan Amendment to the Grove Avenue Specific Plan (File No. PSPA22-007). The project site currently has a land use designation of Office Commercial within the specific plan. The Specific Plan Amendment proposes to change the land use designation of 4.20-acres of land from Office Commercial to Business Park. Approval and issuance of building permits for the Development Plan will be subject to the approval of the Specific Plan Amendment by City Council.

Site Design/Building Layout — The project site has a depth of roughly 600 feet and a width of roughly 305 feet, which is suitable for the proposed industrial building. The building is situated near the center of the site and is set back approximately 53-feet from the north (interior) property line, 154-feet from the east (Grove Avenue) property line, 10-feet from the south (Interior) property line, and 198-feet from the west (rear) property line. The setbacks place the building generally at the center of the project site, allowing adequate space for circulation and appropriate locations for vehicle and truck parking. The front of the building is oriented towards Grove Avenue, with the potential office space located at the northeast corner of the building.

A truck yard area, with 13 dock-high loading doors, is located on the west side of the building (rear of building). The loading area will be screened from street views by portions of the building and existing industrial buildings that are located to the north and south of the site. The loading area is proposed to be secured with an eight-foot (8') tall wrought iron fence (see Exhibit C: Site Plan, attached). A condition of approval has been placed on the Project, that if any part of the truck-yard is visible from public views, a decorative screen wall will be required.

(2) Site Access/Circulation — The Project site is proposed with two points of vehicular access along Grove Avenue. Truck access will be restricted to the north driveway using a 40-foot-wide driveway approach. This driveway will provide direct access for trucks to the rear of the building. A 30-foot-wide driveway at the southeast corner of the site will provide access to the parking lot area along Grove Avenue for passenger vehicles. Pedestrian access to the building from Grove Avenue, will be provided by a 5-foot-wide sidewalk/path of travel that connects to the northeast corner of the building where the primary pedestrian entrance is located.

(3) Parking — The Project has provided off-street parking pursuant to the "Warehouse and Distribution" parking standards specified in the Development Code. The number of off-street parking spaces provided exceeds the minimum parking requirement for the Project. The off-street parking calculations for the Project are summarized in the table below:

Parking Summary

Type of Use	***Building Area (in SF)***	***Parking Ratio***	***Spaces Required***	***Spaces Provided***
Office	5,000 SF (1st floor) 2,500 SF (2nd floor mezzanine) 7,500 SF (total)	1:250 square feet when office area exceeds 10% of GFA	30	0
Warehouse	56,867 SF	1 space per 1,000 SF for portions of GFA less than 20,000 SF 0.5 spaces per 1,000 SF for portions of GFA greater than 20,000 SF	20 19	94
Tractor-Trailer Parking		1 Tractor-trailer parking space for each 4 dock-high doors (13 Dock-High Doors Proposed)	4	6
TOTAL	**61,867 SF**		**73**	**100**

(4) Architecture — The proposed industrial building will be designed in a Contemporary Architectural style that exemplifies the type of high-quality architecture promoted by the Ontario Development Code and The Ontario Plan (TOP). The building will be constructed of concrete tilt-up walls, while incorporating glazing and other elements to accentuate the overall design. The building will maintain an overall height of 39 feet measured to its highest point. Special attention has been given to the use of color, massing, building form, exterior finish materials, and architectural details throughout all elevations of the building. (see Figure 1: Grove Avenue Project Perspective, below and Exhibits C through D: Exterior Elevations, and Exhibit F: Color and Materials Board, attached). This is exemplified through the use of:

Figure 1: Grove Avenue Project Perspective

- Extensive glazing along the front elevation (east) and along the north and south elevations;
- Decorative architectural tower elements along the northeast and southeast corners of the building;
- Decorative horizontal and vertical reveals;
- Aluminum storefront with tempered blue glazing;
- Decorative metal awnings at key areas along the front office elements;
- Articulation in the building's footprint and parapet roof line;
- Incorporation of metal panels with multiple vertical reveals along the northeast and southeast corner of the building;
- Insets and pop-outs at key locations of the building, to provide more interest; and
- Color-blocking at key areas of the building to provide visual interest.

(5) Landscaping — The Business Park land use designation of the Grove Avenue Specific Plan requires a minimum 10 percent landscape coverage for the Project site, the Project will provide a 13% landscape coverage, therefore, exceeding the requirement. The Project proposes landscaping along the entire perimeter of the site and adjacent to the north, east and south exterior building walls. The Project will provide a 20-foot wide landscape setback along the Grove Avenue property line with 10 feet to 18 feet of additional landscaping adjacent to the front of the building. The remaining perimeter landscaping will include a 10-foot wide landscaped area along the south property line, a 14-foot wide average landscaped area along the north property line, and a 5-foot wide landscaped area along the west (rear) property line. The interior parking lot areas is also proposed to be landscaped with a variety of ground covers, accent plants, shrubs, and shade canopy trees. The proposed landscape plan incorporates a combination of 48-inch, 36-inch, and 24-inch box trees. Proposed trees include Western Sycamore, Palo Verde, Coast Live Oak, Australian Willow, Wilson Fruitless Olive, Mondell Pine, Brisbane, and Dwarf Italian Cypress.

The outdoor office plaza area and the entry driveways have also been designed with decorative paving to enhance these areas. An outdoor patio area has also been incorporated along the southeast corner of the building, for staff and guests to enjoy. The

patio area will feature decorative outdoor furniture, enhanced paving, a decorative tubular steel trellis, and accent landscaping (see Exhibit E: Landscape Plan, attached).

(6) Signage — All project signage is required to comply with sign regulations provided in Ontario Development Code Division 8.1. Prior to the issuance of a Building Permit for the installation of any new on-site signage, the Applicant is required to submit Sign Plans for Planning Department review and approval.

(7) Utilities (drainage, sewer) — Public utilities (water and sewer) are available to serve the Project. Furthermore, the Applicant has submitted a Preliminary Water Quality Management Plan ("PWQMP"), which establishes the Project's compliance with storm water discharge/water quality requirements. The PWQMP includes site design measures that capture runoff and pollutant transport by minimizing impervious surfaces and maximizes low impact development ("LID") best management practices ("BMPs"), such as retention and infiltration, biotreatment, and evapotranspiration. The PWQMP proposes the use of an underground infiltration system that will be located under the truck yard parking lot area. Any overflow drainage will be conveyed to the public street by way of parkway drains and culverts.

PUBLIC NOTIFICATION: The subject application was advertised as a hearing in at least one newspaper of general circulation in the City of Ontario (the Inland Valley Daily Bulletin newspaper).

CORRESPONDENCE: As of the preparation of this Decision, Planning Department staff has not received any written or verbal communications from the owners of properties surrounding the project site or from the public in general, regarding the subject application.

AGENCY/DEPARTMENT REVIEWS: Each City agency/department has been provided the opportunity to review and comment on the subject application and recommend conditions of approval to be imposed upon the application. At the time of the Decision preparation, recommended conditions of approval were provided and are included with this Decision.

AIRPORT LAND USE COMPATIBILITY PLAN (ALUCP) COMPLIANCE: The California State Aeronautics Act (Public Utilities Code Section 21670 et seq.) requires that an Airport Land Use Compatibility Plan be prepared for all public use airports in the State; and requires that local land use plans and individual development proposals must be consistent with the policies set forth in the adopted Airport Land Use Compatibility Plan.

On April 19, 2011, the City Council of the City of Ontario approved and adopted the ONT ALUCP, establishing the Airport Influence Area for Ontario International Airport, which encompasses lands within parts of San Bernardino, Riverside, and Los Angeles Counties, and limits future land uses and development within the Airport Influence Area, as they relate to noise, safety, airspace protection, and overflight impacts of current and future airport activity. As the decision-making body for the Project, the Development Advisory

Board has reviewed and considered the facts and information contained in the Application and supporting documentation against the ONT ALUCP compatibility factors, including [1] Safety Criteria (ONT ALUCP Table 2-2) and Safety Zones (ONT ALUCP Map 2-2), [2] Noise Criteria (ONT ALUCP Table 2-3) and Noise Impact Zones (ONT ALUCP Map 2-3), [3] Airspace protection Zones (ONT ALUCP Map 2-4), and [4] Overflight Notification Zones (ONT ALUCP Map 2-5). As a result, the Development Advisory Board, therefore, finds and determines that the Project, when implemented in conjunction with the conditions of approval, will be consistent with the policies and criteria set forth within the ONT ALUCP.

COMPLIANCE WITH THE ONTARIO PLAN: The proposed project is consistent with the principles, goals and policies contained within the Vision, Governance, Policy Plan (general plan), and City Council Priorities components of The Ontario Plan ("TOP"). More specifically, the goals and policies of TOP that are furthered by the proposed project are as follows:

(1) City Council Goals.

- Invest in the Growth and Evolution of the City's Economy
- Operate in a Businesslike Manner

(2) Vision.

Distinctive Development:

➢ Development quality that is broadly recognized as distinctive and not exclusively tied to the general suburban character typical of much of Southern California.

(3) Governance.

Decision Making:

- Goal G1: Sustained decision-making that consistently moves Ontario towards its Vision by using The Ontario Plan as a framework for assessing choices.

➢ G 1-2. Long-term Benefit. We require decisions to demonstrate and document how they add value to the community and support the Ontario Vision.

(4) Policy Plan (General Plan)

Land Use Element:

➢ LU-1.6 Complete Community. We incorporate a variety of land uses and building types in our land use planning efforts that result in a complete community where residents at all stages of life, employers, workers, and visitors have a wide spectrum of choices of where they can live, work, shop and recreate within Ontario.

- Goal LU-2 Compatibility: Compatibility between a wide range of uses and a resultant urban patterns and forms.

Community Economics Element:

- Goal CE-1 Complete Community: A complete community that provides for all incomes and stages of life.

➢ CE-2.1 Development Projects. We require new development and redevelopment to create unique, high-quality places that add value to the community.

➢ CE-2.2 Development Review. We require those proposing new development and redevelopment to demonstrate how their projects will create appropriately unique, functional, and sustainable places that will compete well with their competition within the region.

➢ CE-2.4 Protection of Investment. We require that new development and redevelopment protect existing investment by providing architecture and urban design of equal or greater quality.

➢ CE-2.5 Private Maintenance. We require adequate maintenance, upkeep, and investment in private property because proper maintenance on private property protects property values.

Safety Element:

➢ S-1.1 Implementation of Regulations and Standards. We require that all new habitable structures be designed in accordance with the most recent California Building Code adopted by the City, including provisions regarding lateral forces and grading.

Community Design Element:

- Goal CD-1 Image & Identity: A dynamic, progressive city containing distinct and complete places that foster a positive sense of identity and belonging among residents, visitors, and businesses.

➢ CD-2.1 Quality Building Design and Architecture. We encourage all development projects to convey visual interest and character through:

- Building volume, massing, and height to provide context-appropriate scale and proportion;
- A true architectural style which is carried out in plan, section, and elevation through all aspects of the building and site design and appropriate for its setting; and
- Exterior building materials that are articulated, high quality, durable, and appropriate for the architectural style.

- CD-2.7 Sustainability. We collaborate with the development community to design and build neighborhoods, streetscapes, sites, outdoor spaces, landscaping, and buildings to reduce energy demand through solar orientation, maximum use of natural daylight, passive solar and natural ventilation, building form, mechanical and structural systems, building materials, and construction techniques.

- CD-2.8 Safe Design. We incorporate defensible space design into new and existing developments to ensure the maximum safe travel and visibility on pathways, corridors, and open space and at building entrances and parking areas by avoiding physically and visually isolated spaces, maintaining visibility and accessibility, and using lighting.

- CD-2.9 Landscape Design. We encourage durable, sustainable, and drought-tolerant landscaping materials and designs that enhance the aesthetics of structures, create and define public and private spaces, and provide shade and environmental benefits.

- CD-2.10 Parking Areas. We require all development, including single-family residential, to minimize the visual impact of surface, structured, and garage parking areas visible from the public realm in an aesthetically pleasing, safe and environmentally sensitive manner. Examples include:

  - Surface parking: Shade trees, pervious surfaces, urban run-off capture and infiltration, and pedestrian paths to guide users through the parking field;

- CD-2.12 Site and Building Signage. We encourage the use of sign programs that utilize complementary materials, colors, and themes. Project signage should be designed to effectively communicate and direct users to various aspects of the development and complement the character of the structures.

- CD-2.13 Entitlement Process. We work collaboratively with all stakeholders to ensure a high degree of certainty in the efficient review and timely processing of all development plans and permits.

- CD-3.4 Context-Aware and Appropriate Design. We require appropriate building and site design that complements existing development, respects the intent and identity of the Place Type, and provides appropriate transitions and connections between adjacent uses to ensure compatibility of scale, maintain an appropriate level of privacy for each use, and minimize potential conflicts.

- CD-3.6 Managed Infrastructure. We collaborate with developers and property owners to facilitate development that realizes the envisioned character and functionality of the Place Type through the use of green and shared infrastructure within each Place Type.

- Goal CD-5 Protection of Investment: A sustained level of maintenance and improvement of properties, buildings, and infrastructure that protects the property values and encourages additional public and private investments.

  - CD-5.1 Maintenance of Buildings and Property. We require all public and privately-owned buildings and property (including trails and easements) to be properly and consistently maintained.

  - CD-5.2 Maintenance of Infrastructure. We require the continual maintenance of infrastructure.

HOUSING ELEMENT COMPLIANCE: The proposed project site is within the Grove Avenue Specific Plan, which allows for business park and commercial office development, and is not one of the properties in the Housing Element Sites contained in Tables B-1 and B-2 (Housing Element Sites Inventory) of the Housing Element Technical Report. The proposed project includes the development of an industrial building as envisioned and permitted through the underlying Specific Plan and TOP as described above, and as such, does not present an inconsistency or conflict with the Housing Element of the Policy Plan.

PART 2: RECITALS

WHEREAS, the Application is a Project pursuant to the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) ("CEQA") and an initial study has been prepared to determine possible environmental impacts; and

WHEREAS, the Ontario Plan (TOP) 2050 Supplemental Environmental Impact Report (State Clearinghouse No. 2021070364) was certified on August 16, 2022 (hereinafter referred to as "Certified EIR"), in which development and use of the Project site was discussed; and

WHEREAS, the Planning Director of the City of Ontario prepared and approved for attachment to the certified Environmental Impact Report, an Addendum to the Certified EIR (hereinafter referred to as "EIR Addendum") in accordance with the requirements of the California Environmental Quality Act of 1970, together with State and local guidelines implementing said Act, all as amended to date (collectively referred to as "CEQA"); and

WHEREAS, the environmental impacts of this Project were thoroughly analyzed in the EIR Addendum, which concluded that implementation of the Project could result in a number of significant effects on the environment that were previously analyzed in the Certified EIR, and that the Certified EIR identified mitigation measures that would reduce each of those significant effects to a less-than-significant level; and

WHEREAS, the City's "Local Guidelines for the Implementation of the California Environmental Quality Act (CEQA)" provide for the use of a single environmental

assessment in situations where the impacts of subsequent projects are adequately analyzed; and

WHEREAS, Ontario Development Code Table 2.02-1 (Review Matrix) grants the Development Advisory Board (hereinafter referred to as "DAB") the responsibility and authority to review and act on the subject Application; and

WHEREAS, all members of the DAB of the City of Ontario were provided the opportunity to review and comment on the Application, and no comments were received opposing the proposed development; and

WHEREAS, the Project has been reviewed for consistency with the Housing Element of the Policy Plan component of The Ontario Plan, as State Housing Element law (as prescribed in Government Code Sections 65580 through 65589.8) requires that development projects must be consistent with the Housing Element, if upon consideration of all its aspects, it is found to further the purposes, principals, goals, and policies of the Housing Element; and

WHEREAS, the Project is located within the Airport Influence Area of Ontario International Airport, which encompasses lands within parts of San Bernardino, Riverside, and Los Angeles Counties, and is subject to, and must be consistent with, the policies and criteria set forth in the Ontario International Airport Land Use Compatibility Plan (hereinafter referred to as "ONT ALUCP"), which applies only to jurisdictions within San Bernardino County, and addresses the noise, safety, airspace protection, and overflight impacts of current and future airport activity; and

WHEREAS, City of Ontario Development Code Division 2.03 (Public Hearings) prescribes the manner in which public notification shall be provided and hearing procedures to be followed, and all such notifications and procedures have been completed; and

WHEREAS, as the first action on the Project, on February 21, 2024, the DAB issued a Decision adopting the EIR Addendum, finding that the proposed Project introduces no new significant environmental impacts and applying all previously adopted mitigation measures to the Project, which were incorporated by reference; and

WHEREAS, on February 21, 2024, the DAB of the City of Ontario conducted a hearing on the Application and concluded said hearing on that date; and

WHEREAS, all legal prerequisites to the adoption of this Decision have occurred.

PART 3: THE DECISION

NOW, THEREFORE, IT IS HEREBY FOUND, DETERMINED AND DECIDED by the Development Advisory Board of the City of Ontario as follows:

SECTION 1: Environmental Determination and Findings. As the decision-making body for the Project, the DAB has reviewed and considered the information contained in the Addendum, the initial study, and the administrative record for the Project, including all written and oral evidence provided during the comment period. Based upon the facts and information contained in the Addendum, the initial study, and the administrative record, including all written and oral evidence presented to the DAB, the DAB finds as follows:

(1) The environmental impacts of the Project were reviewed in conjunction with an Addendum to The Ontario Plan (TOP) 2050 Supplemental Environmental Impact Report (State Clearinghouse No. 2021070364), certified by the Ontario City Council on August 16, 2022 in conjunction with File No. PGPA20-002; and

(2) The EIR Addendum and administrative record have been completed in compliance with CEQA, the State CEQA Guidelines, and the City of Ontario Local CEQA Guidelines; and

(3) The City's "Guidelines for the Implementation of the California Environmental Quality Act (CEQA)" provide for the use of a single environmental assessment in situations where the impacts of subsequent projects are adequately analyzed. This Application introduces no new significant environmental impacts; and

(4) All previously adopted mitigation measures shall be a condition of project approval, as they are applicable to the Project, and are incorporated herein by this reference; and

(5) The EIR Addendum contains a complete and accurate reporting of the environmental impacts associated with the Project, and reflects the independent judgment of the Development Advisory Board; and

(6) There is no substantial evidence in the administrative record supporting a fair argument that the Project may result in significant environmental impacts.

SECTION 2: Subsequent or Supplemental Environmental Review Not Required. Based on the EIR Addendum, all related information presented to the DAB, and the specific findings set forth in Section 1, above, the DAB finds that the preparation of a subsequent or supplemental Certified EIR is not required for the Project, as the Project:

(1) Does not constitute substantial changes to the Certified EIR that will require major revisions to the Certified EIR due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; and

(2) Does not constitute substantial changes with respect to the circumstances under which the Certified EIR was prepared, that will require major revisions to the Certified EIR

due to the involvement of new significant environmental effects or a substantial increase in the severity of the previously identified significant effects; and

(3) Does not contain new information of substantial importance that was not known and could not have been known with the exercise of reasonable diligence at the time the Certified EIR was certified/adopted, that shows any of the following:

(a) The Project will have one or more significant effects not discussed in the Certified EIR; or

(b) Significant effects previously examined will be substantially more severe than shown in the Certified EIR; or

(c) Mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the Project, but the City declined to adopt such measures; or

(d) Mitigation measures or alternatives considerably different from those analyzed in the Certified EIR would substantially reduce one or more significant effects on the environment, but which the City declined to adopt.

SECTION 3: Housing Element Compliance. Pursuant to the requirements of California Government Code Chapter 3, Article 10.6, commencing with Section 65580, as the recommending body for the Project, the DAB finds that based on the facts and information contained in the Application and supporting documentation, at the time of Project implementation, the Project is consistent with the Housing Element of the Policy Plan (General Plan) component of The Ontario Plan, as the Project site is not one of the properties in the Housing Element Sites contained in Tables B-1 and B-2 (Housing Element Sites Inventory) of the Housing Element Technical Report.

SECTION 4: Concluding Facts and Reasons. Based upon the substantial evidence presented to the DAB during the above-referenced hearing and upon the facts and information set forth in Parts I (Background and Analysis) and II (Recitals), above, and the determinations set forth in Sections 1 through 3, above, the DAB hereby concludes as follows:

(1) The proposed development at the proposed location is consistent with the goals, policies, plans and exhibits of the Vision, Policy Plan (General Plan), and City Council Priorities components of The Ontario Plan. The proposed Project is located within the Business Park (0.60 FAR) land use district of the Policy Plan Land Use Map, and regulated by the Grove Avenue Specific Plan. The development standards and conditions under which the proposed Project will be constructed and maintained is consistent with the goals, policies, plans, and exhibits of the Vision, Policy Plan (General Plan), and City Council Priorities components of The Ontario Plan, as the Project will contribute to the establishment of a dynamic, progressive city containing distinct districts that foster a positive sense of identity and belonging among residents, visitors, and

businesses (Goal CD1). Furthermore, the project incorporates appropriate building and site design that complements existing development, respects the intent and identity of the Place Type, provides appropriate transitions and connections between adjacent uses to ensure compatibility of scale, and minimizes potential conflicts.

(2) *The proposed development is compatible with those on adjoining sites in relation to location of buildings, with particular attention to privacy, views, any physical constraint identified on the site and the characteristics of the area in which the site is located.* The Project has been designed consistent with the requirements of the City of Ontario Development Code and the Grove Avenue Specific Plan, including standards relative to the particular land use proposed (61,867 square foot industrial building with 0.33 FAR), as well-as building intensity, building and parking setbacks, building height, number of off-street parking and loading spaces, on-site and off-site landscaping, and fences, walls and obstructions; and

(3) *The proposed development will complement and/or improve upon the quality of existing development in the vicinity of the Project and the minimum safeguards necessary to protect the public health, safety and general welfare have been required of the proposed Project.* The Development Advisory Board has required certain safeguards, and imposed certain conditions of approval, which have been established to ensure that: [i] the purposes of the Specific Plan are maintained; [ii] the Project will not endanger the public health, safety or general welfare; [iii] the Project will not result in any significant environmental impacts; [iv] the Project will be in harmony with the area in which it is located; and [v] the Project will be in full conformity with the Vision, City Council Priorities and Policy Plan components of The Ontario Plan, and the Grove Avenue Specific Plan; and

(4) *The proposed development is consistent with the development standards and design guidelines set forth in the Development Code, or applicable specific plan or planned unit development*. The proposed Project has been reviewed for consistency with the general development standards and guidelines of the Grove Avenue Specific Plan that are applicable to the proposed Project, including building intensity, building and parking setbacks, building height, amount of off-street parking and loading spaces, parking lot dimensions, design and landscaping, bicycle parking, on-site landscaping, and fences and walls, as well as those development standards and guidelines specifically related to the particular land use being proposed (61,867 square foot industrial building with a 0.33 FAR). As a result of this review, the Development Advisory Board has determined that the Project, when implemented in conjunction with the conditions of approval, will be consistent with the development standards and guidelines described in the Grove Avenue Specific Plan.

SECTION 5: Development Advisory Board Action. Based on the findings and conclusions set forth in Sections 1 through 4, above, the DAB hereby APPROVES the Application subject to each and every condition set forth in the Conditions of Approval included as Attachment A of this Decision and incorporated herein by this reference.

SECTION 6: Indemnification. The Applicant shall agree to defend, indemnify and hold harmless, the City of Ontario or its agents, officers, and employees from any claim, action or proceeding against the City of Ontario or its agents, officers or employees to attack, set aside, void or annul this approval. The City of Ontario shall promptly notify the applicant of any such claim, action or proceeding, and the City of Ontario shall cooperate fully in the defense.

SECTION 7: Custodian of Records. The documents and materials that constitute the record of proceedings on which these findings have been based are located at the City of Ontario City Hall, 303 East "B" Street, Ontario, California 91764. The custodian for these records is the City Clerk of the City of Ontario. The records are available for inspection by any interested person, upon request.

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APPROVED AND ADOPTED this 21st day of February 2024.

Development Advisory Board Chairman

Exhibit A: PROJECT LOCATION MAP

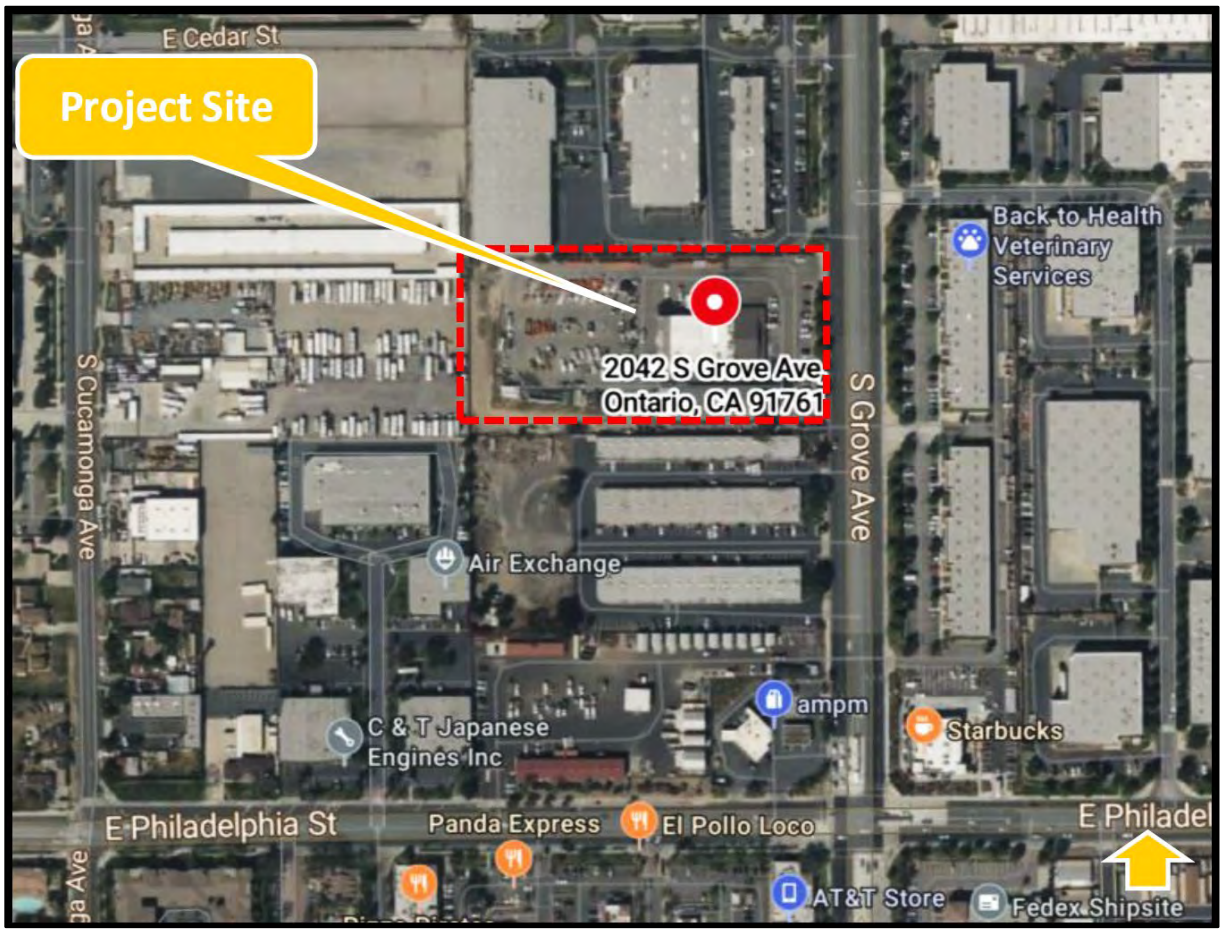


Exhibit B: SITE PLAN

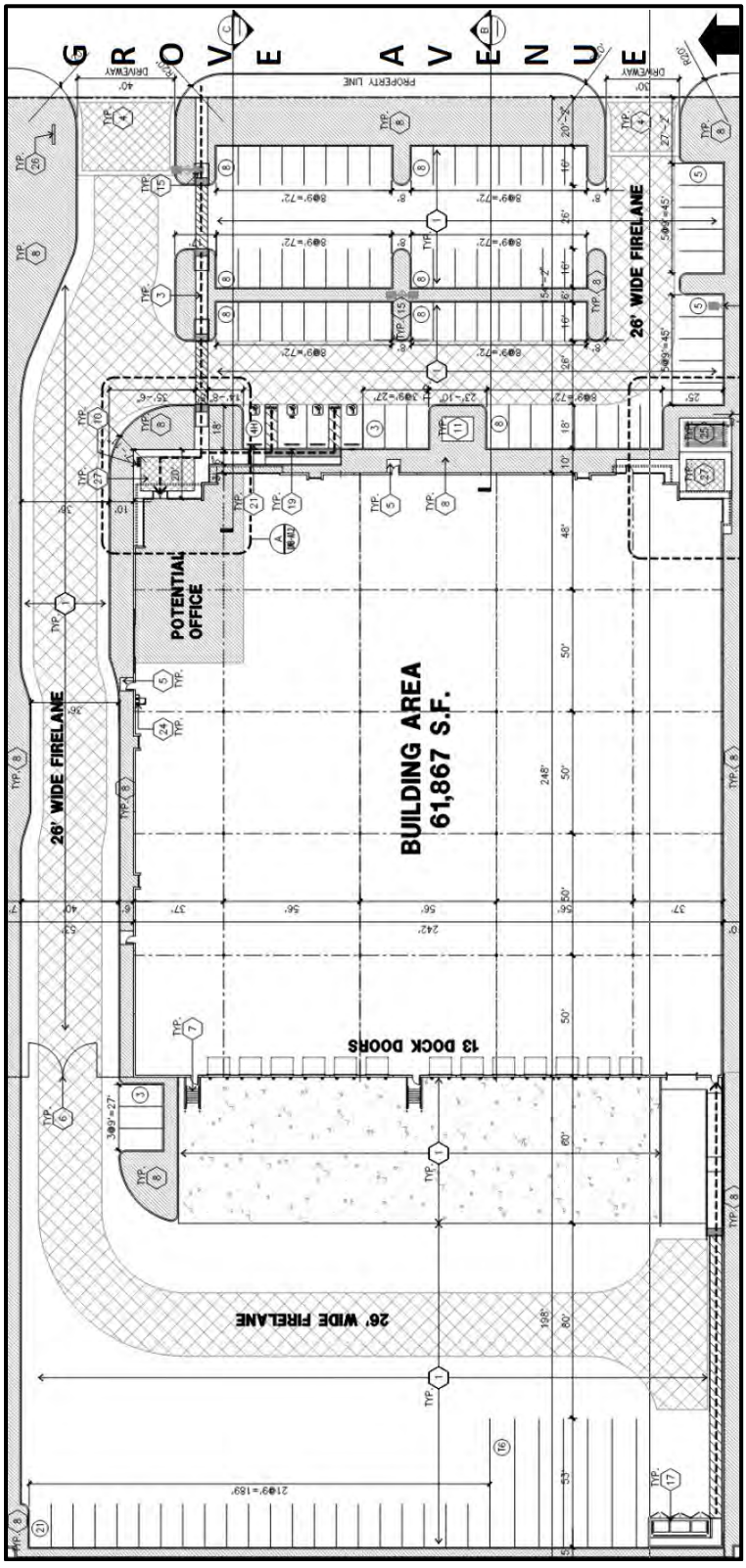


Exhibit C: COLOR ELEVATIONS

Exhibit D: COLOR ELEVATIONS

Exhibit E: COLOR LANDSCAPE PLAN

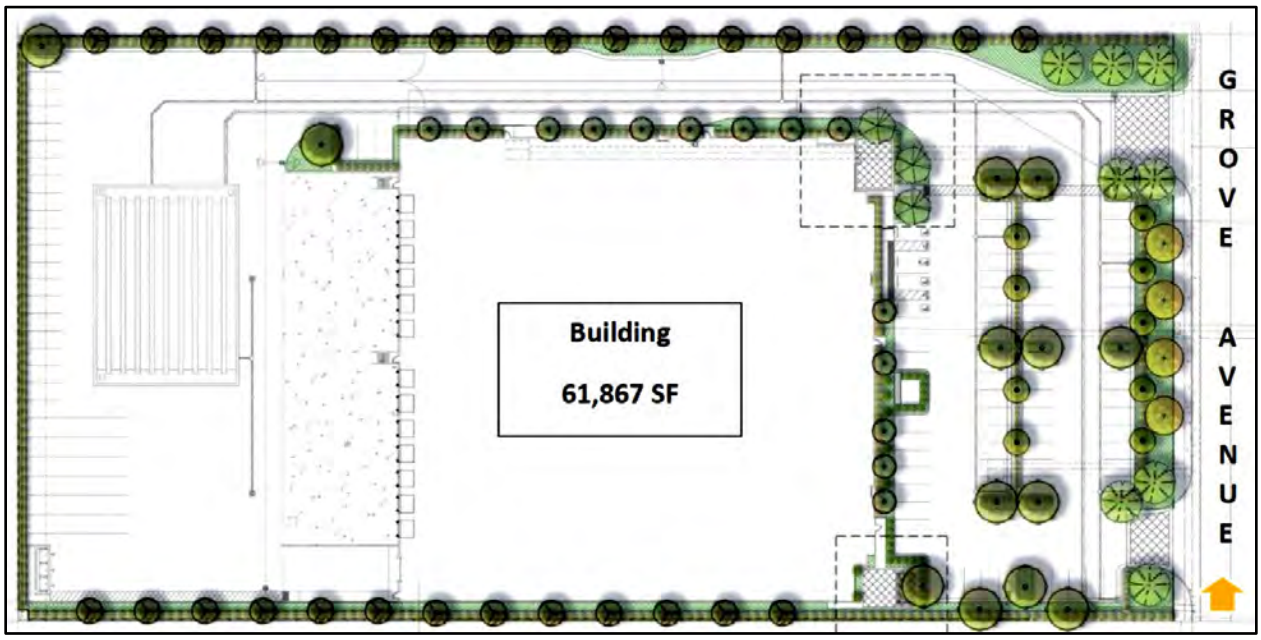
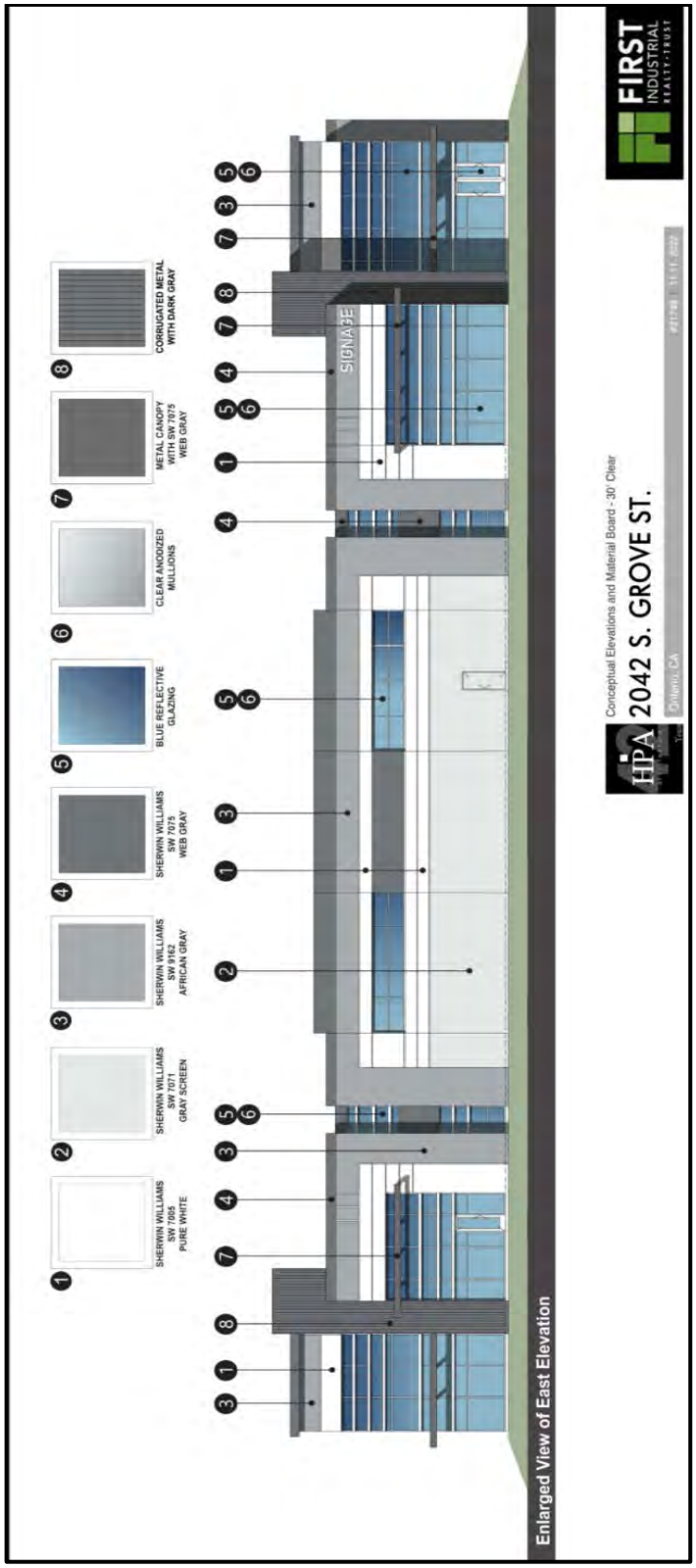


Exhibit F: COLORS AND MATERIAL BOARD



Attachment A: Conditions of Approval

(Conditions of Approval follow this page)

LAND DEVELOPMENT DIVISION
CONDITIONS OF APPROVAL

CITY OF ONTARIO PLANNING DEPARTMENT
303 East B Street, Ontario, California 91764 Phone: 909.395.2036 / Fax: 909.395.2420

Date Prepared: 1/29/2024

File No: PDEV22-040

Related Files: PSPA22-007

Project Description: A public hearing to consider a Development Plan (File No. PDEV22-040) to construct a 61,867 square foot industrial building on 4.20-acres, on property located at 2042 S. Grove Avenue within the Business Park land use designation of the Grove Avenue Specific Plan (APN: 105-049-111); **submitted by submitted by First Industrial Realty Trust.**

Prepared By: Luis E. Batres, Senior Planner
Phone: 909.395.2431 (direct)
Email: Lbatres@ontarioca.gov

The Planning Department, Land Development Section, conditions of approval applicable to the above-described Project, are listed below. The Project shall comply with each condition of approval listed below:

1.0 Standard Conditions of Approval. The project shall comply with the *Standard Conditions for New Development*, adopted by City Council Resolution No. 2017-027 on April 18, 2017. A copy of the *Standard Conditions for New Development* may be obtained from the Planning Department or City Clerk/Records Management Department.

2.0 Special Conditions of Approval. In addition to the *Standard Conditions for New Development* identified in condition no. 1.0, above, the project shall comply with the following special conditions of approval:

2.1 Time Limits.

(a) Development Plan approval shall become null and void 2 years following the effective date of application approval, unless a building permit is issued and construction is commenced, and diligently pursued toward completion, or a time extension has been approved by the Planning Director. This condition does not supersede any individual time limits specified herein, or any other departmental conditions of approval applicable to the Project, for the performance of specific conditions or improvements.

2.2 General Requirements. The Project shall comply with the following general requirements:

(a) All construction documentation shall be coordinated for consistency, including, but not limited to, architectural, structural, mechanical, electrical, plumbing, landscape and irrigation, grading, utility and street improvement plans. All such plans shall be consistent with the approved entitlement plans on file with the Planning Department.

(b) The project site shall be developed in conformance with the approved plans on file with the City. Any variation from the approved plans must be reviewed and approved by the Planning Department prior to building permit issuance.

(c) The herein-listed conditions of approval from all City departments shall be included in the construction plan set for project, which shall be maintained on site during project construction.

2.3 Landscaping.

(a) The Project shall provide and continuously maintain landscaping and irrigation systems in compliance with the provisions of Ontario Development Code Division 6.05 (Landscaping).

(b) Comply with the conditions of approval of the Planning Department; Landscape Planning Division.

(c) Landscaping shall not be installed until the Landscape and Irrigation Construction Documentation Plans required by Ontario Development Code Division 6.05 (Landscaping) have been approved by the Landscape Planning Division.

(d) Changes to approved Landscape and Irrigation Construction Documentation Plans, which affect the character or quantity of the plant material or irrigation system design, shall be resubmitted for approval of the revision by the Landscape Planning Division, prior to the commencement of the changes.

2.4 Walls and Fences. All Project walls and fences shall comply with the requirements of Ontario Development Code Division 6.02 (Walls, Fences and Obstructions).

2.5 Wrought iron fencing proposed along the north and south property lines shall be reduced to 3-feet tall within the required 20-foot front landscape setback area.

2.6 Parking, Circulation and Access.

(a) The Project shall comply with the applicable off-street parking, loading and lighting requirements of City of Ontario Development Code Division 6.03 (Off-Street Parking and Loading). Project shall provide a minimum of 39 passenger parking spaces and 4 tractor-trailer parking spaces.

(b) All drive approaches shall be provided with an enhanced pavement treatment. The enhanced paving shall extend from the back of the approach apron, into the site, to the first intersecting drive aisle or parking space. A darker color shall be incorporated within all decorative paved areas (driveways, outdoor patio area and front office outdoor plaza area) so that the color stands out from the regular concrete.

(c) Areas provided to meet the City's parking requirements, including off-street parking and loading spaces, access drives, and maneuvering areas, shall not be used for the outdoor storage of materials and equipment, nor shall it be used for any other purpose than parking.

(d) The required number of off-street parking spaces and/or loading spaces shall be provided at the time of site and/or building occupancy. All parking and loading spaces shall be maintained in good condition for the duration of the building or use.

(e) Parking spaces specifically designated and conveniently located for use by the physically disabled shall be provided pursuant to current accessibility regulations contained in State law (CCR Title 24, Part 2, Chapters 2B71, and CVC Section 22507.8).

(f) Bicycle parking facilities, including bicycle racks, lockers, and other secure facilities, shall be provided in conjunction with development projects pursuant to current regulations contained in CALGreen (CAC Title 24, Part 11). Final design and placement of bicycle parking facilities shall be subject to Planning Department review and approval.

2.7 Outdoor Loading and Storage Areas.

(a) Loading facilities shall be designed and constructed pursuant to Development Code Division 6.03 (Off-Street Parking and Loading).

(b) Areas designated for off-street parking, loading, and vehicular circulation and maneuvering, shall not be used for the outdoor storage of materials or equipment.

(c) Outdoor loading and storage areas, and loading doors, shall be screened from public view pursuant to the requirements of Development Code Paragraph 6.02.025.A.2 (Screening of Outdoor Loading and Storage Areas, and Loading Doors) Et Seq.

(d) Outdoor loading and storage areas shall be provided with gates that are view-obstructing by one of the following methods:

(i) Construct gates with a perforated metal sheet affixed to the inside of the gate surface (50 percent screen); or
(ii) Construct gates with minimum one-inch square tube steel pickets spaced at maximum 2-inches apart.

(e) The minimum gate height for screen wall openings shall be established based upon the corresponding wall height, as follows:

Screen Wall Height	***Minimum Gate Height***
14 feet:	10 feet
12 feet:	9 feet
10 feet:	8 feet
8 feet:	8 feet
6 feet:	6 feet

2.8 Site Lighting.

(a) All off-street parking facilities shall be provided with nighttime security lighting pursuant to Ontario Municipal Code Section 4-11.08 (Special Residential Building Provisions) and Section 4-11.09 (Special Commercial/Industrial Building Provisions), designed to confine emitted light to the parking areas. Parking facilities shall be lighted from sunset until sunrise, daily, and shall be operated by a photocell switch.

(b) Unless intended as part of a master lighting program, no operation, activity, or lighting fixture shall create illumination on any adjacent property.

2.9 Mechanical and Rooftop Equipment.

(a) All exterior roof-mounted mechanical, heating and air conditioning equipment, and all appurtenances thereto, shall be completely screened from public view by parapet walls or roof screens that are architecturally treated so as to be consistent with the building architecture.

(b) All ground-mounted utility equipment and structures, such as tanks, transformers, HVAC equipment, and backflow prevention devices, shall be located out of view from a public street, or adequately screened through the use of landscaping and/or decorative low garden walls.

2.10 Security Standards. The Project shall comply with all applicable requirements of Ontario Municipal Code Title 4 (Public Safety), Chapter 11 (Security Standards for Buildings).

2.11 Signs.

(a) All Project signage shall comply with the requirements of Ontario Development Code Division 8.1 (Sign Regulations).

2.12 Sound Attenuation. The Project shall be constructed and operated in a manner so as not to exceed the maximum interior and exterior noise levels set forth in Ontario Municipal Code Title 5 (Public Welfare, Morals, and Conduct), Chapter 29 (Noise).

2.13 Environmental Requirements.

(a) If human remains are found during project grading/excavation/construction activities, the area shall not be disturbed until any required investigation is completed by the County Coroner and Native American consultation has been completed (if deemed applicable).

(b) If any archeological or paleontological resources are found during project grading/excavation/construction, the area shall not be disturbed until the significance of the resource is determined. If determined to be significant, the resource shall be recovered by a qualified archeologist or paleontologist consistent with current standards and guidelines, or other appropriate measures implemented.

(c) Project shall comply with the Mitigation Measures requested for the project by the Gabrieleno Band of Mission Indians-Kizh Nation. Prior to permits being issued, documentation shall be submitted to the Planning Department of the agreement(s) between the developer and the Gabrieleno Band of Mission Indians-Kizh Nation for this Project.

2.14 Indemnification. The applicant shall agree to defend, indemnify and hold harmless, the City of Ontario or its agents, officers, and employees from any claim, action or proceeding against the City of Ontario or its agents, officers or employees to attack, set aside, void or annul any approval of the City of Ontario, whether by its City Council, Planning Commission or other authorized board or officer. The City of Ontario shall promptly notify the applicant of any such claim, action or proceeding, and the City of Ontario shall cooperate fully in the defense.

2.15 Additional Fees.

(a) Within 5 days following final application approval, the Notice of Determination ("NOD") filing fee shall be provided to the Planning Department. The fee shall be paid by check, made payable to the "Clerk of the Board of Supervisors", which shall be forwarded to the San Bernardino County Clerk of the Board of Supervisors, along with all applicable environmental forms/notices, pursuant to the requirements of the California Environmental Quality Act ("CEQA"). Failure to provide said fee within the time specified will result in the extension of the statute of limitations for the filing of a CEQA lawsuit from 30 days to 180 days.

(b) Within 5 days following final application approval, the Notice of Exemption ("NOE") filing fee shall be provided to the Planning Department. The fee shall be paid by check, made payable to the "Clerk of the Board of Supervisors", which shall be forwarded to the San Bernardino County Clerk of the Board of Supervisors, along with all applicable environmental forms/notices, pursuant to the requirements of the California Environmental Quality Act ("CEQA"). The filing of a NOE is voluntary; however, failure to provide said fee within the time specified will result in the extension of the statute of limitations for the filing of a CEQA lawsuit from 30 days to 180 days.

(c) After the Project's entitlement approval, and prior to issuance of final building permits, the Planning Department's Plan Check and Inspection fees shall be paid at the rate established by resolution of the City Council.

2.16 Related Applications. Development Plan (File No. PDEV22-040) approval shall not be final and complete until such time that related File No. PSPA22-007, Specific Plan Amendment has been approved by the City Council. Building permits will not be issued until the Specific Plan Amendment, File No. PSPA22-007, has been approved by City Council.

2.17 Public Art. The Project is subject to the requirements of the City's Public Art Ordinance (Ontario Municipal Code Section 5-33.05. Private Art for Public Enjoyment in Commercial and Industrial Development Projects).

2.18 Final Occupancy. The Project Architect of record will certify that construction of each building site and the exterior elevations of each structure shall be completed in compliance with the approved plans. Any deviation to approved plans shall require a resubmittal to the Planning Department for review and approval prior to construction. The Occupancy Release Request Form/Architect Certificate of Compliance shall be provided prior to final occupancy. After the receipt of this Certification, the Planning Department will conduct a final site and exterior elevations inspection. The Owner's Representative and Contractor shall be present.

2.19 Additional Requirements.

(a) If the loading dock/truck yard area will be visible from public views along the north, south and west of the Project site, solid block or tilt-up screen walls shall be constructed to City standards to screen the loading dock and doors area. During the plan check process, the Applicant shall conduct studies to make sure that truck yard and doors will not be visible.

(b) Applicant shall work with staff during the plan check process to incorporate decorative sconce lighting fixtures at key locations of the building to enhance it in the PM hours. No wall packs are allowed within public views.

ENGINEERING DEPARTMENT
CONDITIONS OF APPROVAL

(Land Development Division, Environmental Section, Traffic & Transportation Division, Ontario Municipal Utilities Company and Broadband Operations & Investment and Revenue Resources Department Conditions incorporated)

☒ **DEVELOPMENT PLAN** ☐ OTHER	☐ PARCEL MAP ☐ TRACT MAP ☐ FOR CONDOMINIUM PURPOSES
PROJECT FILE NO. PDEV22-040 **RELATED FILE NO(S). PSPA22-007**	
☒ **ORIGINAL** ☐ REVISED: __/__/__	

CITY PROJECT ENGINEER & PHONE NO:	**Frederick Addison**	**(909) 395-2125**
CITY PROJECT PLANNER & PHONE NO:	**Luis Batres**	**(909) 395-2431**
DAB MEETING DATE:	**2/21/24**	
PROJECT NAME / DESCRIPTION:	**PDEV22-040, a Development Plan to construct one 62,136-square-foot industrial building on 4.12 acres of land within the Office/Commercial land use district of the Grove Avenue Specific Plan. Related File: PSPA22-007**	
LOCATION:	**2042 South Grove Avenue Northwest corner of Grove Ave & Philadelphia Street**	
APPLICANT:	**First Industrial Realty Trust, Paul Loubet**	
REVIEWED BY:	Raymond Lee **Raymond Lee, P.E. Assistant City Engineer**	1/17/24 **Date**
APPROVED BY:	 **Khoi Do, P.E. City Engineer**	1-17-24 **Date**

Last Revised: 1/17/2024

THIS PROJECT SHALL COMPLY WITH THE REQUIREMENTS SET FORTH IN THE GENERAL STANDARD CONDITIONS OF APPROVAL ADOPTED BY THE CITY COUNCIL (RESOLUTION NO. 2017-027) AND THE PROJECT SPECIFIC CONDITIONS OF APPROVAL SPECIFIED HEREIN. ONLY APPLICABLE CONDITIONS OF APPROVAL ARE CHECKED. THE APPLICANT SHALL BE RESPONSIBLE FOR THE COMPLETION OF ALL APPLICABLE CONDITIONS OF APPROVAL PRIOR TO FINAL MAP OR PARCEL MAP APPROVAL, ISSUANCE OF PERMITS AND/OR OCCUPANCY CLEARANCE, AS SPECIFIED IN THIS REPORT.

1. PRIOR TO FINAL MAP OR PARCEL MAP APPROVAL, APPLICANT SHALL:

Check When Complete

☐ 1.01 Dedicate to the City of Ontario, the right-of-way, described below: ☐

_____ feet on _____

Property line corner 'cut-back' required at the intersection of _____ and _____.

☐ 1.02 Dedicate to the City of Ontario, the following easement(s): _____ ☐

_____

☐ 1.03 Restrict vehicular access to the site as follows: _____ ☐

☐ 1.04 Vacate the following street(s) and/or easement(s): ☐

A. All interfering on-site easements shall be quitclaimed, vacated, and/or submit non-interference letter from affected owner/utility company.

☐ 1.05 Submit a copy of a recorded private reciprocal use agreement or easement. The agreement or easement shall ensure, at a minimum, common ingress and egress and joint maintenance of all common access areas and drive aisles. ☐

☐ 1.06 Provide (original document) Covenants, Conditions and Restrictions (CC&Rs) as applicable to the project and as approved by the City Attorney and the Engineering and Planning Departments, ready for recordation with the County of San Bernardino. The CC&Rs shall provide for, but not be limited to, common ingress and egress, joint maintenance responsibility for all common access improvements, common facilities, parking areas, utilities, median and landscaping improvements and drive approaches, in addition to maintenance requirements established in the Water Quality Management Plan (WQMP), as applicable to the project. The CC&Rs shall also address the maintenance and repair responsibility for public improvements/utilities (sewer, water, storm drain, recycled water, etc.) located within open space/easements. In the event of any maintenance or repair of these facilities, the City shall only restore disturbed areas to current City Standards. ☐

☐ 1.07 For all development occurring south of the Pomona Freeway (60-Freeway) and within the specified boundary limits (per Boundary Map found at *http://tceplumecleanup.com/*), the property developer/owner is made aware of the South Archibald Trichloroethylene (TCE) Plume "Disclosure Letter". Property owner may wish to provide this Letter as part of the Real Estate Transfer Disclosure requirements under California Civil Code Section 1102 et seq. This may include notifications in the Covenants, Conditions and Restrictions (CC&Rs) or other documents related to property transfer and disclosures. Additional information on the plume is available from the Santa Ana Regional Water Quality Control Board at *http://geotracker.waterboards.ca.gov/profile_report?global_id=T10000004658.* ☐

☐ 1.08 File an application for Reapportionment of Assessment, together with payment of a reapportionment processing fee, for each existing assessment district listed below. Contact the Financial Services Department at (909) 395-2124 regarding this requirement. ☐

(1) _____

(2) _____

☐ 1.09 Prepare a fully executed Subdivision Agreement (on City approved format and forms) with accompanying security as required, or complete all public improvements. ☐

☐ 1.10 Provide a monument bond (i.e. cash deposit) in an amount calculated by the City's approved cost estimate spreadsheet (available for download on the City's website: www.ontarioca.gov) or as specified in writing by the applicant's Registered Engineer or Licensed Land Surveyor of Record and approved by the City Engineer, whichever is greater. ☐

☐ 1.11 Provide a preliminary title report current to within 30 days. ☐

☐ 1.12 File an application, together with an initial deposit (if required), to establish a Community Facilities District (CFD) pursuant to the Mello-Roos Community Facilities District Act of 1982. The application and fee shall be submitted a minimum of four (4) months prior to final subdivision map approval, and the CFD shall be established prior to final subdivision map approval or issuance of building permits, whichever occurs first. The CFD shall be established upon the subject property to provide funding for various City services. An annual special tax shall be levied upon each parcel or lot in an amount to be determined. The special tax will be collected along with annual property taxes. The City shall be the sole lead agency in the formation of any CFD. Contact Investment and Revenue Resources at (909) 395-2341 to initiate the CFD application process. ☐

☐ 1.13 Ontario Ranch Developments: ☐

☐ 1) Provide evidence of final cancellation of Williamson Act contracts associated with this tract, prior to approval of any final subdivision map. Cancellation of contracts shall have been approved by the City Council.

☐ 2) Provide evidence of sufficient storm water capacity availability equivalents (Certificate of Storm Water Treatment Equivalents).

☐ 3) Provide evidence of sufficient water availability equivalents (Certificate of Net MDD Availability).

☐ 1.14 Other conditions: _____ ☐

2. PRIOR TO ISSUANCE OF ANY PERMITS, APPLICANT SHALL:

A. GENERAL
(Permits includes Grading, Building, Demolition and Encroachment)

☐ 2.01 Record Parcel Map/Tract Map No. _____ pursuant to the Subdivision Map Act and in accordance with the City of Ontario Municipal Code. ☐

☐ 2.02 Submit a PDF of the recorded map to the City Engineer's office. ☐

☒ **2.03 Note that the subject parcel is a recognized parcel in the City of Ontario per Lot 2 of Parcel Map No. 4676, Book 45, Page 48 of the County of San Bernardino Recorder's office.** ☐

☐ 2.04 Note that the subject parcel is an 'unrecognized' parcel in the City of Ontario and shall require a Certificate of Compliance to be processed unless a deed is provided confirming the existence of the parcel prior to the date of March 4, 1972. ☐

☐ 2.05 Apply for a: ☐

☐ Certificate of Compliance with a Record of Survey;

☐ Lot Line Adjustment (Record a Conforming Deed with the County of San Bernardino within six months of the recordation of the Lot Line Adjustment to conform the new LLA legal description. Submit a copy of the recorded Conforming Deed to the Engineering Department.);

☐ Make a Dedication of Easement.

☐ 2.06 Provide (original document) Covenants, Conditions and Restrictions (CC&R's), as applicable to the project, and as approved by the City Attorney and the Engineering and Planning Departments, ready for recordation with the County of San Bernardino. The CC&R's shall provide for, but not be limited to, common ingress and egress, joint maintenance of all common access improvements, common facilities, parking areas, utilities and drive approaches in addition to maintenance requirements established in the Water Quality Management Plan (WQMP), as applicable to the project. ☐

☐ 2.07 For all development occurring south of the Pomona Freeway (60-Freeway) and within the specified boundary limits (per Boundary Map found at *http://tceplumecleanup.com/*), the property developer/owner is made aware of the South Archibald Trichloroethylene (TCE) Plume "Disclosure Letter". Property owner may wish to provide this Letter as part of the Real Estate Transfer Disclosure requirements under California Civil Code Section 1102 et seq. This may include notifications in the Covenants, Conditions and Restrictions (CC&Rs) or other documents related to property transfer and disclosures. Additional information on the plume is available from the Santa Ana Regional Water Quality Control Board at *http://geotracker.waterboards.ca.gov/profile_report?global_id=T10000004658*. ☐

☒ **2.08 Submit a soils/geology report.** ☐

☐ 2.09 Other Agency Permit/Approval: Submit a copy of the approved permit and/or other form of approval of the project from the following agency or agencies: ☐

- ☐ State of California Department of Transportation (Caltrans)
- ☐ San Bernardino County Road Department (SBCRD)
- ☐ San Bernardino County Flood Control District (SBCFCD)
- ☐ Federal Emergency Management Agency (FEMA)
- ☐ Cucamonga Valley Water District (CVWD) for sewer/water service
- ☐ United States Army Corps of Engineers (USACE)
- ☐ California Department of Fish & Game
- ☐ Inland Empire Utilities Agency (IEUA)
- ☐ Other: _____

☐ 2.10 Dedicate to the City of Ontario the right-of-way described below: ☐
_____ feet on _____

Property line corner 'cut-back' required at the intersection of _____ and _____.

☐ 2.11 Dedicate to the City of Ontario the following easement(s):_____ ☐

_____

☒ **2.12 Vacate the following street(s) and/or easement(s):** ☐

A. 6-feet of right-of-way on Grove Avenue along project frontage.
B. 15-feet City of Ontario railroad easement along western project boundary.
C. All interfering on-site easements shall be quitclaimed, vacated, and/or submit non-interference letter from affected owner/utility company.

☐ 2.13 Ontario Ranch Developments: ☐

☐ 1) Submit a copy of the permit from the San Bernardino County Health Department to the Engineering Department and the Ontario Municipal Utilities Company (OMUC) for the destruction/abandonment of the on-site water well. The well shall be destroyed/abandoned in accordance with the San Bernardino County Health Department guidelines.

☐ 2) Make a formal request to the City of Ontario Engineering Department for the proposed temporary use of an existing agricultural water well for purposes other than agriculture, such as grading, dust control, etc. Upon approval, the Applicant shall enter into an agreement with the City of Ontario and pay any applicable fees as set forth by said agreement.

☐ 3) Design proposed retaining walls to retain up to a maximum of three (3) feet of earth. In no case shall a wall exceed an overall height of nine (9) feet (i.e. maximum 6-foot high wall on top of a maximum 3-foot high retaining wall.

☒ **2.14** **Submit a security deposit to the Engineering Department to guarantee construction of the public improvements required herein valued at 100% of the approved construction cost estimate. Security deposit shall be in accordance with the City of Ontario Municipal Code. Security deposit will be eligible for release, in accordance with City procedure, upon completion and acceptance of said public improvements.** ☐

☒ **2.15** **The applicant/developer shall submit all necessary survey documents prepared by a Licensed Surveyor registered in the State of California detailing all existing survey monuments in and around the project site. These documents are to be reviewed and approved by the City Survey Office.** ☐

☒ **2.16** **Pay all Development Impact Fees (DIF) to the Building Department. Storm Drain Development Impact Fee, approximately $94,038.00, shall be paid to the Building Department. Final fee shall be determined based on the approved site plan and the DIF rate at the time of payment.** ☐

☒ **2.17** **Other conditions:** ☐

a. Provide a preliminary title report current to within 30 days.

B. PUBLIC IMPROVEMENTS
(See attached Exhibit 'A' for plan check submittal requirements.)

☐

☒ **2.18** **Design and construct full public improvements in accordance with the City of Ontario Municipal Code, current City standards and specifications, master plans and the adopted specific plan for the area, if any. These public improvements shall include, but not be limited to, the following (checked boxes):**

Improvement	S. Grove Ave.			
Curb and Gutter	☐ New; ___ ft. from C/L ☒ **Replace damaged** ☐ Remove and replace	☐ New; ___ ft. from C/L ☐ Replace damaged ☐ Remove and replace	☐ New; ___ ft. from C/L ☐ Replace damaged ☐ Remove and replace	☐ New; ___ ft. from C/L ☐ Replace damaged ☐ Remove and replace
AC Pavement	☐ Replacement ☐ Widen ____ additional feet along frontage, including pavm't transitions	☐ Replacement ☐ Widen ____ additional feet along frontage, including pavm't transitions	☐ Replacement ☐ Widen ____ additional feet along frontage, including pavm't transitions	☐ Replacement ☐ Widen ____ additional feet along frontage, including pavm't transitions
PCC Pavement (Truck Route Only)	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing
Drive Approach	☒ **New** ☐ Remove and replace	☐ New ☐ Remove and replace	☐ New ☐ Remove and replace	☐ New ☐ Remove and replace
Sidewalk	☒ **New(1)** ☐ Replace damaged	☐ New ☐ Remove and replace	☐ New ☐ Remove and replace	☐ New ☐ Remove and replace
ADA Access Ramp	☒ **New** ☐ Remove and replace	☐ New ☐ Remove and replace	☐ New ☐ Remove and replace	☐ New ☐ Remove and replace
Parkway	☒ **Trees(2)** ☒ **Landscaping(1) (w/irrigation)**	☐ Trees ☐ Landscaping (w/irrigation)	☐ Trees ☐ Landscaping (w/irrigation)	☐ Trees ☐ Landscaping (w/irrigation)
Raised Landscaped Median	☐ New ☐ Remove and replace	☐ New ☐ Remove and replace	☐ New ☐ Remove and replace	☐ New ☐ Remove and replace
Fire Hydrant	☐ New / Upgrade ☒ **Upgrade / Relocation**	☐ New / Upgrade ☐ Relocation	☐ New / Upgrade ☐ Relocation	☐ New / Upgrade ☐ Relocation

Sewer (see Sec. 2.C)	☐ Main ☒ **Lateral**	☐ Main ☐ Lateral	☐ Main ☐ Lateral	☐ Main ☐ Lateral
Water (see Sec. 2.D)	☐ Main ☒ **Service**	☐ Main ☐ Service	☐ Main ☐ Service	☐ Main ☐ Service
Recycled Water (see Sec. 2.E)	☐ Main ☐ Service	☐ Main ☐ Service	☐ Main ☐ Service	☐ Main ☐ Service
Traffic Signal System (see Sec. 2.F)	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing
Traffic Signing and Striping (see Sec. 2.F)	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing
Street Light (see Sec. 2.F)	☒ **New / Upgrade** ☒ **Relocation**	☐ New / Upgrade ☐ Relocation	☐ New / Upgrade ☐ Relocation	☐ New / Upgrade ☐ Relocation
Bus Stop Pad or Turn-out (see Sec. 2.F)	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing
Storm Drain (see Sec. 2G)	☐ Main ☐ Lateral	☐ Main ☐ Lateral	☐ Main ☐ Lateral	☐ Main ☐ Lateral
Fiber Optics (see Sec. 2K)	☒ **Conduit / Appurtenances**	☐ Conduit / Appurtenances	☐ Conduit / Appurtenances	☐ Conduit / Appurtenances
Overhead Utilities	☐ Underground ☐ Relocate	☐ Underground ☐ Relocate	☐ Underground ☐ Relocate	☐ Underground ☐ Relocate
Removal of Improvements				
Other Improvements	**Relocate existing electrical underground structure located at proposed driveway**			

Specific notes for improvements listed in item no. 2.18, above:

1. **Along the entire property frontage.**
2. **Protect in place existing tress along property frontage.**

☒ **2.19** **Construct a 2" asphalt concrete (AC) grind and overlay on the following street(s):** ☐

a. **From edge of gutter to edge of gutter on South Grove Avenue from northerly project boundary to 2' south of sewer lateral connection**
b. **From centerline to edge of gutter on South Grove Avenue from 2' south of sewer lateral connection to southerly project boundary**

☐ 2.20 Reconstruction of the full pavement structural section, per City of Ontario Standard Drawing number 1011, may be required based on the existing pavement condition and final street design. Minimum limits of reconstruction shall be along property frontage, from street centerline to curb/gutter. ☐

☐ 2.21 Make arrangements with the Cucamonga Valley Water District (CVWD) to provide ☐ water service ☐ sewer service to the site. This property is within the area served by the CVWD and Applicant shall provide documentation to the City verifying that all required CVWD fees have been paid. ☐

☐ 2.22 Overhead utilities shall be under-grounded, in accordance with Title 7 of the City's Municipal Code (Ordinance No. 2804 and 2892). Developer may pay in-lieu fee, approximately _____, for undergrounding of utilities in accordance with Section 7-7.302.e of the City's Municipal Code. ☐

☐ 2.23 Other conditions: _____ ☐

C. SEWER

☒ **2.24 A 10-inch sewer main is available for connection by this project in South Grove Avenue (Ref: Sewer Drawing Number: S11693 and S11694).** ☐

☐ 2.25 Design and construct a sewer main extension. A sewer main is not available for direct connection. The closest main is approximately _____ feet away. ☐

☐ 2.26 Submit documentation that shows expected peak loading values for modeling the impact of the subject project to the existing sewer system. The project site is within a deficient public sewer system area. Applicant shall be responsible for all costs associated with the preparation of the model. Based on the results of the analysis, Applicant may be required to mitigate the project impact to the deficient public sewer system, including, but not limited to, upgrading of existing sewer main(s), construction of new sewer main(s) or diversion of sewer discharge to another sewer. ☐

☒ **2.27 Other conditions:** ☐
1. **See Exhibit B for additional Sewer Conditions of Approval from OMUC.**

D. WATER

☒ **2.28 A 6-inch and 12-inch water main are available for connection by this project in South Grove Avenue (Ref: Water Drawing Number: W12362).** ☐

☐ 2.29 Design and construct a water main extension. A water main is not available for direct connection. The closest main is approximately _____ feet away. ☐

☒ **2.30 Other conditions:** ☐
1. **See Exhibit B for additional Water Conditions of Approval from OMUC.**

E. RECYCLED WATER

☐ 2.31 A _____inch recycled water main is available for connection by this project in _____. (Ref: Recycled Water Drawing Number:_____) ☐

☐ 2.32 Design and construct an on-site recycled water system for this project. A recycled water main does exist in the vicinity of this project. ☐

☐ 2.33 Design and construct an on-site recycled water ready system for this project. A recycled water main does not currently exist in the vicinity of this project but is planned for the near future. If Applicant would like to connect to this recycled water main when it becomes available, the cost for the connection shall be borne solely by the Applicant. ☐

☐ 2.34 Submit one (1) electronic copy, in PDF format, of the Engineering Report (ER), for the use of recycled water to OMUC's Water Quality Programs at OMUCWQPlanCheck@ontarioca.gov for review and subsequent submittal to the California State Water Board (Division of Drinking Water) for final approval. ☐

Note: Review and approval process may take up to three (3) months. Contact the OMUC's Water Quality Programs at (909) 395-2678 or email OMUCWQPlanCheck@ontarioca.gov regarding this requirement.

☐ 2.35 Submit one (1) electronic copy, in PDF format, of the Landscape Plans (on-site & off-site) to OMUC's Water Quality Programs at OMUCWQPlanCheck@ontarioca.gov for review and approval.

☐ 2.36 Other conditions: _____ ☐

F. TRAFFIC / TRANSPORTATION

☐ 2.37 Submit a focused traffic impact study, prepared and signed by a Traffic/Civil Engineer registered in the State of California. The study shall address, but not be limited to, the following issues as required by the City Engineer: ☐
1. On-site and off-site circulation
2. Traffic level of service (LOS) at 'build-out' and future years
3. Impact at specific intersections as selected by the City Engineer

☐ 2.38 New traffic signal installations shall be added to Southern California Edison (SCE) customer account number # 2-20-044-3877. ☐

☒ **2.39 Other conditions:** ☐

1. **The Applicant/Developer shall be responsible to design and construct street improvements along property frontage in accordance with conditions issued by City's Land Development Division. These, and all other street improvements required herein, shall include, but not be limited to, sidewalk, LED street lights, signing and striping, and parkway landscaping.**
2. **The Applicant/Developer shall be responsible to relocate any existing public street lights along its project frontage on Grove Avenue conflicting with proposed project driveways. Street light relocations shall be done per City of Ontario Standard Drawing No. 5104**
3. **Design and construct proposed driveways in accordance with City of Ontario Standard Drawing No. 1204 for Commercial Driveway.**
4. **Parking restrictions shall remain in place along the property frontage of Grove Avenue.**
5. **All landscaping, block walls, and other obstructions shall be compatible with the stopping sight distance requirements per City of Ontario Standard Drawing No. 1309.**

G. DRAINAGE / HYDROLOGY

☐ 2.40 A _____inch storm drain main is available to accept flows from this project in _____. ☐
(Ref: Storm Drain Drawing Number: _____)

☒ **2.41 Submit a hydrology study and drainage analysis, prepared and signed by a Civil Engineer registered in the State of California. The study shall be prepared in accordance with the San Bernardino County Hydrology Manual and City of Ontario standards and guidelines. Additional drainage facilities, including, but not limited to, improvements beyond the project frontage, may be required to be designed and constructed, by Applicant, as a result of the findings of this study.** ☐

☒ **2.42 An adequate drainage facility to accept additional runoff from the site does not currently exist downstream of the project. Design and construct a storm water detention facility on the project site. 100-year post-development peak flow shall be attenuated such that it does not exceed 80% of pre-development peak flows, in accordance with the approved hydrology study and improvement plans.** ☐

☐ 2.43 Submit a copy of a recorded private drainage easement or drainage acceptance agreement to the Engineering Department for the acceptance of any increase to volume and/or concentration of historical drainage flows onto adjacent property, prior to approval of the grading plan for the project. ☐

☐ 2.44 Comply with the City of Ontario Flood Damage Prevention Ordinance (Ordinance No. 2409). The project site or a portion of the project site is within the Special Flood Hazard Area (SFHA) as indicated on the Flood Insurance Rate Map (FIRM) and is subject to flooding during a 100-year frequency storm. The site plan shall be subject to the provisions of the National Flood Insurance Program. ☐

☒ **2.45 Other conditions:** ☐
1. **Pay a Storm Drain In-Lieu Fee, $70,115.35, for the future installation of a 42" public storm drain main (GROV-VIII-1b) in South Grove Avenue along the project frontage.**

H. STORM WATER QUALITY / NATIONAL POLLUTANT DISCHARGE AND ELIMINATION SYSTEM (NPDES)

☐ 2.46 401 Water Quality Certification/404 Permit – Submit a copy of any applicable 401 Certification or 404 Permit for the subject project to the City project engineer. Development that will affect any body of surface water (i.e. lake, creek, open drainage channel, etc.) may require a 401 Water Quality Certification from the California Regional Water Quality Control Board, Santa Ana Region (RWQCB) and a 404 Permit from the United States Army Corps of Engineers (USACE). The groups of water bodies classified in these requirements are perennial (flow year round) and ephemeral (flow during rain conditions, only) and include, but are not limited to, direct connections into San Bernardino County Flood Control District (SBCFCD) channels. ☐
If a 401 Certification and/or a 404 Permit are not required, a letter confirming this from Applicant's engineer shall be submitted.
Contact information: USACE (Los Angeles District) (213) 452-3414; RWQCB (951) 782-4130.

☒ **2.47 Submit a Water Quality Management Plan (WQMP). This plan shall be approved by the Engineering Department prior to approval of any grading plan. The WQMP shall be submitted, utilizing the current San Bernardino County Stormwater Program template, available at: http://www.sbcounty.gov/dpw/land/npdes.asp.** ☐

☐ 2.48 Design and construct a Connector Pipe Trash Screen or equivalent Trash Treatment Control Device, per catch basin located within or accepting flows tributary of a Priority Land Use (PLU) area that meets the Full Capture System definition and specifications, and is on the Certified List of the State Water Resources Control Board. The device shall be adequately sized per catch basin and include a deflector screen with vector control access for abatement application, vertical support bars, and removable component to facilitate maintenance and cleaning. ☐

☐ 2.49 Other conditions: _____ ☐

J. SPECIAL DISTRICTS

☐ 2.50 File an application, together with an initial deposit (if required), to establish a Community Facilities District (CFD) pursuant to the Mello-Roos Community Facilities District Act of 1982. The application and fee shall be submitted a minimum of four (4) months prior to final subdivision map approval, and the CFD shall be established prior to final subdivision map approval or issuance of building permits, whichever occurs first. The CFD shall be established upon the subject property to provide funding for various City services. An annual special tax shall be levied upon each parcel or lot in an amount to be determined. The special tax will be collected along with annual property taxes. The City shall be the sole lead agency in the formation of any CFD. Contact Investment and Revenue Resources at (909) 395-2341 to initiate the CFD application process. ☐

☐ 2.51 Other conditions: _____ ☐

K. FIBER OPTIC

☐ 2.52 A _____ fiber optic line is available for connection by this project in _____. ☐
(Ref: Fiber Optic Drawing Number: _____)

☒ **2.53 Design and construct fiber optic system to provide access to the City's conduit and fiber optic system per the City's Fiber Optic Master Plan. Building entrance conduits shall start from the closest OntarioNet hand hole constructed along the project frontage in the ROW and shall terminate in the main telecommunications room for each building. Conduit infrastructure shall interconnect with the primary and/or secondary backbone fiber optic conduit system at the nearest OntarioNet hand hole. Generally located in the northeast corner of the project on the east side of South Grove Avenue, see Fiber Optic Exhibit herein** ☐

☒ **2.54 Refer to the City's Fiber Optic Master Plan for design and layout guidelines. Contact the Broadband Operations Department at (909) 395-2000, regarding this requirement.** ☐

3. PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY, APPLICANT SHALL:

☒ 3.01 **Set new monuments in place of any monuments that have been damaged or destroyed as a result of construction of the subject project. Monuments shall be set in accordance with City of Ontario standards and to the satisfaction of the City Engineer.** ☐

☐ 3.02 Complete all requirements for recycled water usage. ☐

☐ 1) Procure from the OMUC a copy of the letter of confirmation from the California Department of Public Health (CDPH) that the Engineering Report (ER) has been reviewed and the subject site is approved for the use of recycled water.

☐ 2) Obtain clearance from the OMUC confirming completion of recycled water improvements and passing of shutdown tests and cross connection inspection, upon availability/usage of recycled water.

☐ 3) Complete education training of on-site personnel in the use of recycled water, in accordance with the ER, upon availability/usage of recycled water.

☒ 3.03 **The applicant/developer shall submit all final survey documents prepared by a Licensed Surveyor registered in the State of California detailing all survey monuments that have been preserved, revised, adjusted or set along with any maps, corner records or Records of Survey needed to comply with these Conditions of Approvals and the latest edition of the California Professional Land Survey Act. These documents are to be reviewed and approved by the City Survey Office.** ☐

☐ 3.04 Ontario Ranch Projects: For developments located at an intersection of any two collector or arterial streets, the applicant/developer shall set a monument if one does not already exist at that intersection. Contact the City Survey office for information on reference benchmarks, acceptable methodology and required submittals. ☐

☒ 3.05 **Confirm payment of all Development Impact Fees (DIF) to the Building Department.** ☐

☒ 3.06 **Submit electronic copies (PDF and Auto CAD format) of all approved improvement plans, studies and reports (i.e. hydrology, traffic, WQMP, etc.).** ☐

4. PRIOR TO FINAL ACCEPTANCE, APPLICANT SHALL:

☒ 4.01 **Complete all Conditions of Approval listed under Sections 1-3 above.** ☐

☒ 4.02 **Pay all outstanding fees pursuant to the City of Ontario Municipal Code, including but not limited to, plan check fees, inspection fees and Development Impact Fees.** ☐

☒ 4.03 **The applicant/developer shall submit a written request for the City's final acceptance of the project addressed to the City Project Engineer. The request shall include a completed Acceptance and Bond Release Checklist, state that all Conditions of Approval have been completed and shall be signed by the applicant/developer. Upon receipt of the request, review of the request shall be a minimum of 10 business days. Conditions of Approval that are deemed incomplete by the City will cause delays in the acceptance process.** ☐

☒ 4.04 **Submit record drawings (PDF) for all public improvements identified within Section 2 of these Conditions of Approval.** ☐

EXHIBIT 'A'

ENGINEERING DEPARTMENT
First Plan Check Submittal Checklist

Project Number: PDEV22-040

All plan check submittals are to be done digitally through the City Of Ontario Citizen Portal Access. The following items are to be included with the first plan check submittal:

1. ☒ **A copy of this check list**
2. ☒ **Payment of fee for Plan Checking**
3. ☒ **Engineering Cost Estimate (on City form) with engineer's wet signature and stamp.**
4. ☒ **Project Conditions of Approval**
5. ☐ Potable and Recycled Water demand calculations (include water demand calculations showing low, average and peak water demand in GPM for the proposed development and proposed water meter size).
6. ☐ Public Street improvement plan with street cross-sections
7. ☐ Public Water improvement plan (include water demand calculations showing low, average and peak water demand in GPM for the proposed development and proposed water meter size)
8. ☐ Recycled Water improvement plan (include recycled water demand calculations showing low, average and peak water demand in GPM for the proposed development and proposed water meter size and an exhibit showing the limits of areas being irrigated by each recycled water meter)
9. ☐ Public Sewer improvement plan
10. ☐ Public Storm Drain improvement plan
11. ☐ Public Street Light improvement plan
12. ☐ Signing and Striping improvement plan
13. ☒ **Fiber Optic plan (include Auto CAD electronic submittal)**
14. ☐ HOA Landscape improvement plans. Show corner sight line distance per engineering standard drawing 1309.
15. ☐ CFD Landscape improvement plans. Show corner sight line distance per engineering standard drawing 1309.
16. ☒ **Dry Utility plans within public right-of-way (at a minimum the plans must show existing and ultimate right-of-way, curb and gutter, proposed utility location including centerline dimensions, wall to wall clearances between proposed utility and adjacent public line, street work repaired per Standard Drawing No. 1306. Include Auto CAD electronic submittal)**
17. ☐ Traffic Signal improvement plan and One (1) copy of Traffic Signal Specifications with modified Special Provisions. Please contact the Traffic Division at (909) 395-2154 to obtain Traffic Signal Specifications.
18. ☒ **Water Quality Management Plan (WQMP), including one (1) copy of the approved Preliminary WQMP (PWQMP).**
19. ☒ **Hydrology/Drainage study**
20. ☒ **Soils/Geology report**

21. ☐ Payment for Final Map/Parcel Map processing fee

22. ☐ Final Map/Parcel Map

23. ☐ Approved Tentative Map

24. ☒ **Preliminary Title Report (current within 30 days)**

25. ☐ Traverse Closure Calculations

26. ☒ **Set of supporting documents and maps (legible copies): referenced improvement plans (full size), referenced record final maps/parcel maps (full size, 18"x26"), Assessor's Parcel map (full size, 11"x17"), recorded documents such as deeds, lot line adjustments, easements, etc.**

27. ☐ Engineering Report and an electronic file (include PDF format electronic submittal) for recycled water use.

28. ☒ **Other:**

    A. **Precise grading plan, including street and utility improvements, submitted to the building department.**

    B. **Submit vacation document for 6-feet of right-of-way on Grove Avenue along project frontage.**

    C. **Submit vacation document for 15-feet City of Ontario railroad easement along western project boundary.**

EXHIBIT 'B'

CITY OF ONTARIO
MEMORANDUM

ONTARIO MUNICIPAL UTILITIES COMPANY

DATE:	September 8, 2023
TO:	Angela Truong, Engineering
CC:	Luis Batres, Planning
FROM:	Peter Tran, Utilities Engineering
SUBJECT:	DPR #5 – Conditions of Approval (COA) - Utilities Comments (**#9521**)
PROJECT NO.:	PSPA22-007, PDEV22-040 (A Specific Plan Ammendment to change land use and Development Plan to construct one 62,136 sqft industrial building in the Grove Avenue Specific Plan)

BRIEF DESCRIPTION

A Development Plan to construct one 62,136-square-foot industrial building on 4.12 acres of land located at 2042 South Grove Avenue, within the Office/Commercial land use district of the Grove Avenue Specific Plan (APN: 105-049-111). Related File: PSPA22-007

OMUC UTILITIES ENGINEERING DIVISION
CONDITIONS OF APPROVAL

CONDITIONS OF APPROVAL: *The **Ontario Municipal Utilities Company (OMUC) Utilities Engineering Division** recommends this application for approval subject to the Conditions of Approval outlined below and compliance with the City's Design Development Guidelines, Specifications Design Criteria, and City Standards. The Applicant shall be responsible for the compliance with and the completion of all the following applicable Conditions of Approval prior to the following milestones and subject to compliance with City's Design Development Guidelines, Specifications Design Criteria, and City Standards:*

1. Standard Conditions of Approval: Project shall comply with the requirements as set forth in the Amendment to the Standard Conditions of Approval for New Development Projects adopted by the City Council (Resolution No. 2017-027) on April 18, 2017, or as amended or superseded by Council Resolution; as well as the project-specific conditions/requirements as outlined below.

Prior to Issuance of Any Permits (Grading, Building, Demolition and Encroachment), unless other timeline milestones are specified by individual conditions below, the Applicant Shall:

General Conditions (Section 2.A, Other conditions): The Applicant shall comply with the following:

2. Final Utilities Systems Map (USM): Submit a Final Utilities Systems Map (FUSM) as part of the precise grading plan submittal that meets all the City's USM requirements. These requirements include to show and label all existing and proposed utilities (including all appurtenances such as backflow devices, DCDAs, etc.), sizes, points of connection, and any easements. The final utility design shall comply with all Division of Drinking Water (CCR §64572) Separation Requirements. See Utility Systems Map (USM) Requirements document for details.
    a. The proposed utilities, utility alignments, and Public Rights-of-Way/Public Utility Easements shown on the Conceptual Utilities Systems Map (CUSM) and other Entitlement documents are not considered final and shall be revised during Final Design to meet all City Design Guidelines, Standards, City Requirements, and all of the Conditions of Approval contained in this document.
3. Design Utilities to comply Department of Drinking Water (DDW) Separation Requirements and California Code of Regulations (CCR) § 64572 Compliance: All DDW Separation Requirements under CCR § 64572 must be met. In order to assure compliance with CCR § 64572, on all design documents and plans: label the separation dimensions, measure from outside wall of the conveyances, between public potable water to any other public or private non-potable conveyance (sewer, storm drain, storm water, storm water infiltration, recycled water, recycled water irrigation, high pressure gas/petroleum, etc) whether publicly or privately maintained; provide one label per sheet per conveyance and additional

labels where separation dimensions and alignments change; and, for any facilities not currently meeting the separation requirements, revise plans/documents so that the facilities meet the separations requirements.

4. Unused Service Abandonment: All adjacent water services (along with connected appurtenances) and sewer laterals and main stubs along the frontages of the project site not used to provide service to this Development Project shall be abandoned back to the main in accordance with City Standards and Practices.

Sanitary Sewer Conditions (Section 2.C): The Applicant shall comply with the following:

5. Sanitary Sewer Mains Improvements:
    a. N/A.
6. Sanitary Sewer Service:
    a. Each building and its onsite private sewer system shall discharge wastewater to the Public Sanitary Sewer System through a Public Sewer Lateral per Standard #2003. The quantity of Public Sewer Laterals for each building shall be limited to the minimum necessary to meet all of the conditions of approval and as limited by the City.
    b. For each Public Sewer Lateral Service to an existing sewer main: the existing sewer main being connected to shall be CCTV Inspected between the upstream and downstream manholes of the connection once before and once after the Sewer Lateral connections is made and any damage to the sewer main resulting from the installation of the Sewer Lateral shall be repaired to meet City Standards and Requirements prior to placing the Sewer Lateral in service.
    c. Public Sewer Laterals and Storm Water Quality Improvements: No storm water quality improvements (infiltration, detention, retention, bioswale, etc) shall be installed above or with 5 feet of any Public Sewer Lateral.
7. Private Onsite Sewer System and Plumbing: The Onsite Sewer System shall be privately maintained by the property owner and shall meet the following requirements:
    a. For wastewater flows for non-residential uses:
        i. Note the following:
        The Occupant/Applicant shall apply for a Wastewater Discharge Permit for their establishment and shall comply will all the requirements of the Wastewater Discharge Permit. The application can be downloaded from the City's Utilities website in the drop-down of the "Pretreatment" section (www.ontarioca.gov/OMUC/Utilities). Please select the appropriate application that applies to your type of business. Requirements of the Wastewater Discharge Permit may include, but not limited to: Installation of wastewater pretreatment equipment, such as grease interceptors or clarifiers. For wastewater permit application questions, please contact:

        Michael Birmelin, Environmental Programs Manager
        omucenvironmental@ontarioca.gov

        Phone: (909) 395-2661.

        ii. Sewer Cleanout and Monitoring Manhole: Provide sewer cleanout behind the property line and sewer monitoring manhole per city's standards numbers 2201 and 2203, on private property for the sewer lateral.
    b. Private Onsite Sewer and Storm Water Quality Improvements: No storm water quality improvements (infiltration, detention, retention, bioswale, etc) shall be installed above or with 5 feet of any Private Onsite Sewer pipes.

Potable Water Conditions (Section 2.D): The Applicant shall comply with the following:

8. Potable Water Main Improvements:
    a. Fire Hydrants: Abandon the existing and conflicting fire hydrant in the middle of the proposed driveway approach back to the water main and construct a new fire hydrant minimum five feet away from the BCR/ECR or any other obstructions.
9. Potable Water Service:
    a. Backflow Prevention:

i. A Backflow Prevention Device is required for each Meter connected to the Public Potable Water System that: serves any residential use that is more than one (1) single family residential unit; or, any non-residential use; or, only irrigation use.

ii. Backflow Prevention Device Location: A Backflow Prevention Device location shall comply with the following requirements and City Standards:

1. In order to reduce the risk of backflow contamination to the Public Potable Water System, the length of pipe between the Public Potable Water Main and the Backflow Device shall be as minimally short as possible.

1. Along Public Streets within Publicly Dedicated Right-of Way: as measured along the pipe connecting to the Backflow Prevention Device, the Backflow shall be located a minimum of 3 feet and a maximum of 5 feet from the backflow concrete pad to the property line or back of sidewalk, whichever is closer.

2. Along Private Streets: as measured along the pipe connecting to the Backflow Prevention Device, the Backflow shall be located a minimum of 3 feet and a maximum of 5 feet from the backflow concrete pad to the meter box or back of sidewalk (or back of curb where there is no sidewalk), whichever is closer.

3. Only one single bend of up to 90 degrees maximum is allowed along the pipe to the Backflow and the single bend must be located at one of the following places: either the along the 90-degree riser connecting at the backflow assembly; or, at the end of the 12-inch stub at the back of the meter box.

4. All the minimum DDW Separations also apply to the pipeline connecting between the Main/Meter-Box to a Backflow Device (or DCDA) and any Backflow Device (or DCDA). This also includes storm water quality improvements (infiltration, detention, retention, bioswale, etc). Also, no public or private non-potable water conveyances (private utilities, plumbing lines, sewer, private fire system, storm drain) shall cross the pipeline connecting between the Main/Meter-Box to a Backflow Device (or DCDA) or under any Backflow Device (or DCDA).

b. Domestic Service: For domestic water uses:

i. The building shall have a domestic water service and meter connected to the Public Potable Water System and abandon any unused to city's current standards and guidelines.

c. Irrigation Service: For landscape irrigation uses that are not served by Recycled Water, the landscape irrigation uses shall have a separate irrigation water service and meter with backflow prevention device connected to the Public Potable Water System separate from the domestic water uses and the onsite plumbing systems and irrigation systems shall be also separate from each other.

d. Fire Water Service: For onsite private Fire System uses:

i. Where the domestic water service and meters connected to the Public Potable Water System that serves any use that is more than one (1) single family detached residential unit or any non-residential use: if an onsite private fire system is required, then a separate Fire Service with Double Check Detector Assembly (DCDA) per City Standard #4208 connected to the Public Potable Water System is required to serve the onsite private fire system; and, the onsite fire system and onsite domestic water plumbing system shall be separate. DCDAs are a type of Backflow prevention device.

e. Relocated Services: For any existing service with appurtenances to be relocated, the service shall be abandoned back to the main connection and the service and appurtenances shall be installed new per related City Standards.

CITY OF ONTARIO
LANDSCAPE PLANNING DIVISION
303 East "B" Street, Ontario, CA 91764

CONDITIONS OF APPROVAL

Sign Off

Jamie Richardson, Sr. Landscape Architect — 4/12/2023 (Date)

Reviewer's Name: **Jamie Richardson, Sr. Landscape Architec**

Phone: **(909) 395-2615**

D.A.B. File No.: PDEV22-040, PSPA22-007

Case Planner: Luis Batres

Project Name and Location:
Industrial Building
2042 South Grove Avenue

Applicant/Representative:
HPA, Inc
18831 Bardeen Avenue, Suite 100
Irvine, CA 92612

☒	**Preliminary Plans (dated 3/1/2023; tree report sent on 4/4/2023) meet the Standard Conditions for New Development and have been approved considering that the following conditions below are met upon the landscape construction documents submittal.**
☐	**Preliminary Plans (dated) have not been approved. Corrections noted below are required before Preliminary Landscape Plan approval.**

A RESPONSE SHEET IS REQUIRED WITH RESUBMITTAL OR PLANS WILL BE RETURNED AS INCOMPLETE.
Landscape construction plans with plan check number may be emailed to:
landscapeplancheck@ontarioca.gov

Civil/ Site Plans

1. Replacement and mitigation for removed trees shall equal the trunk diameter of heritage trees removed per the Development Code Tree Preservation Policy and Protection Measures, section 6.05.020. The arborist identified a Phoenix canariensis (tree #15) which is a heritage tree; please coordinate with Philip Marino, Parks and Maintenance Manager to relocate the tree to a city location (909) 395-2610. Tree #13 is a 19" heritage tree; the recent plans show an increase of tree sizes that meet the mitigation for the 19" replacement value.
2. Show transformers set back 5' from paving all sides. Dimension 5' from paving to avoid bollards and allow for appropriate screening. Coordinate with landscape plans.
3. Show and dimension backflow devices set back 4' from paving on all sides. Locate on level grade.
4. Locate utilities, including light standards, fire hydrants, water, drain, and sewer lines to not conflict with required tree locations—coordinate civil plans with landscape plans.
5. Note for compaction to be no greater than 85% in landscape areas. All finished grades at 1 ½" below finished surfaces. Slopes to be maximum 3:1.
6. Dimension, show and call out for step-outs at parking spaces adjacent to planters; a 12" wide monolithic concrete curb, DG paving or pavers with edging.
7. Add Note to Grading and Landscape Plans: Landscape areas where compaction has occurred due to grading activities and where trees or stormwater infiltration areas are located shall be loosened by soil fracturing. For trees, a 12'x12'x18" deep area; for stormwater infiltration, the entire area shall be loosened. Add the following information on the plans: The backhoe method of soil fracturing shall be used to break up compaction. A 4" layer of Compost is spread over the soil surface before fracturing is begun. The backhoe shall dig into the soil lifting and then drop the soil immediately back into the hole. The bucket then

moves to the adjacent soil and repeats. The Compost falls into the spaces between the soil chunks created. Fracturing shall leave the soil surface quite rough with large soil clods. These must be broken by additional tilling. Tilling in more Compost to the surface after fracturing per the soil report will help create an A horizon soil. Imported or reused Topsoil can be added on top of the fractured soil as needed for grading. The Landscape Architect shall be present during this process and provide certification of the soil fracturing. For additional reference, see Urban Tree Foundation – Planting Soil Specifications.

Landscape Plans

8. Add note for Canary Island Palm; see #1.
9. Show all utilities on the landscape plans. Coordinate so utilities are clear of tree locations.
10. Dimension all planters to have a minimum 5' wide inside dimension with 6" curbs and 12" wide curbs where parking spaces are adjacent to planters.
11. Show trees and plant material at 2/3 their mature diameter. Symbols in planting legend should correspond to the plant material.
12. Root barriers are not required but shall be 12" deep maximum and linear application if identified.
13. Call out all fences, walls, proposed materials, and heights. Provide information for outdoor break area and paving.
14. Show concrete mowstrips to identify property lines along open areas or to separate ownership or between maintenance areas.
15. After a project's entitlement approval, the applicant shall pay all applicable fees for landscape plan check and inspections at a rate established by resolution of the City Council. Landscape construction plans with building permit number for plan check may be emailed to: landscapeplancheck@ontarioca.gov

CITY OF ONTARIO
MEMORANDUM

TO: **Luis Batres, Senior Planner**
Planning Department

FROM: **Paul Ehrman, Sr. Deputy Fire Chief/Fire Marshal**
Fire Department

DATE: **September 22, 2022**

SUBJECT: **PDEV22-040 - A Development Plan to construct one 62,136-square-foot industrial building on 4.12 acres of land located at 2042 South Grove Avenue, within the Office/Commercial land use district of the Grove Avenue Specific Plan (APN: 105-049-111). Related File: PSPA22-007.**

☒ The plan **does** adequately address Fire Department requirements at this time.

☒ Standard Conditions of Approval apply, as stated below.

SITE AND BUILDING FEATURES:

A. 2019 CBC Type of Construction: Type III-B

B. Type of Roof Materials: Panelized

C. Ground Floor Area(s): 62,136 Sq. Ft.

D. Number of Stories: 1 with Mezzanine

E. Total Square Footage: 62,136 Sq. Ft.

F. 2019 CBC Occupancy Classification(s): S

CONDITIONS OF APPROVAL:

1.0 GENERAL

☒ 1.1 The following are the Ontario Fire Department ("Fire Department") requirements for this development project, based on the current edition of the California Fire Code (CFC), and the current versions of the Fire Prevention Standards ("Standards.") It is recommended that the applicant or developer transmit a copy of these requirements to the on-site contractor(s) and that all questions or concerns be directed to the Bureau of Fire Prevention, at (909) 395-2029. For copies of Ontario Fire Department Standards please access the City of Ontario web site at www.ontarioca.gov/Fire/Prevention.

☒ 1.2 These Fire Department conditions of approval are to be included on any and all construction drawings.

2.0 FIRE DEPARTMENT ACCESS

☒ 2.1 Fire Department vehicle access roadways shall be provided to within 150 ft. of all portions of the exterior walls of the first story of any building, unless specifically approved. Roadways shall be paved with an all-weather surface and shall be a minimum of twenty-four (24) ft. wide. See Standard #B-004.

☒ 2.2 In order to allow for adequate turning radius for emergency fire apparatus, all turns shall be designed to meet the minimum twenty five feet (25') inside and forty-five feet (45') outside turning radius per Standard #B-005.

☒ 2.3 Fire Department access roadways that exceed one hundred and fifty feet (150') in length shall have an approved turn-around per Standard #B-002.

☒ 2.4 Access drive aisles which cross property lines shall be provided with CC&Rs, access easements, or reciprocating agreements, and shall be recorded on the titles of affected properties, and copies of same shall be provided at the time of building plan check.

☒ 2.5 "No Parking-Fire Lane" signs and /or red painted curbs with lettering are required to be installed in interior access roadways, in locations where vehicle parking would obstruct the minimum clear width requirement. Installation shall be per Standard #B-001.

☒ 2.6 Security gates or other barriers on fire access roadways shall be provided with a Knox brand key switch or padlock to allow Fire Department access. See Standards #B-003, B-004 and H-001.

☒ 2.7 Any time PRIOR to on-site combustible construction and/or storage, a minimum twenty-four (24) ft. wide circulating all weather access roads shall be provided to within 150 ft. of all portions of the exterior walls of the first story of any building, unless specifically approved by fire department and other emergency services.

3.0 WATER SUPPLY

☒ 3.1 The required fire flow per Fire Department standards, based on the 2019 California Fire Code, Appendix B, is 3500 gallons per minute (g.p.m.) for 4 hours at a minimum of 20 pounds per square inch (p.s.i.) residual operating pressure.

☒ 3.2 Off-site (public) fire hydrants are required to be installed on all frontage streets, at a minimum spacing of three hundred foot (300') apart, per Engineering Department specifications.

☒ 3.4 The water supply, including water mains and fire hydrants, shall be tested and approved by the Engineering Department and Fire Department prior to combustible construction to assure availability and reliability for firefighting purposes.

4.0 FIRE PROTECTION SYSTEMS

☒ 4.1 On-site private fire hydrants are required per Standard #D-005, and identified in accordance with Standard #D-002. Installation and locations(s) are subject to the approval of the Fire Department. An application with detailed plans shall be submitted, and a construction permit shall be issued by the Fire Department, prior to any work being done.

☒ 4.2 Underground fire mains which cross property lines shall be provided with CC & R, easements, or reciprocating agreements, and shall be recorded on the titles of affected properties, and copies of same shall be provided at the time of fire department plan check. The shared use of private fire mains or fire pumps is allowable only between immediately adjacent properties and shall not cross any public street.

☒ 4.3 An automatic fire sprinkler system is required. The system design shall be in accordance with National Fire Protection Association (NFPA) Standard 13. All new fire sprinkler systems, except those in single family dwellings, which contain twenty (20) sprinkler heads or more shall be monitored by an approved listed supervising station. An application along with detailed plans shall be submitted, and a construction permit shall be issued by the Fire Department, prior to any work being done.

☒ 4.5 Fire Department Connections (FDC) shall be located on the address side of the building within one hundred fifty feet (150') of a public fire hydrant on the same side of the street. Provide identification for all fire sprinkler control valves and fire department connections per Standard #D-007. Raised curbs adjacent to Fire Department connection(s) shall be painted red, five feet either side, per City standards.

☒ 4.6 A fire alarm system is required. The system design shall be in accordance with National Fire Protection Association (NFPA) Standard 72. An application along with detailed plans shall be submitted, and a construction permit shall be issued by the Fire Department, prior to any work being done.

☒ 4.7 Portable fire extinguishers are required to be installed prior to occupancy per Standard #C-001. Please contact the Fire Prevention Bureau to determine the exact number, type and placement required.

5.0 BUILDING CONSTRUCTION FEATURES

☒ 5.1 The developer/general contractor is to be responsible for reasonable periodic cleanup of the development during construction to avoid hazardous accumulations of combustible trash and debris both on and off the site.

☒ 5.2 Approved numbers or addresses shall be placed on all new and existing buildings in such a position as to be plainly visible and legible from the street or road fronting the property. Multi-tenant or building projects shall have addresses and/or suite numbers provided on the rear of the building. Address numbers shall contrast with their background. See Section 9-1 6.06 of the Ontario Municipal Code and Standards #H-003 and #H-002.

☒ 5.6 Knox ® brand key-box(es) shall be installed in location(s) acceptable to the Fire Department. All Knox boxes shall be monitored for tamper by the building fire alarm system. See Standard #H-001 for specific requirements.

☒ 5.7 Placards shall be installed in acceptable locations on buildings that store, use or handle hazardous materials in excess of the quantities specified in the CFC. Placards shall meet the requirements of National Fire Protection Association (NFPA) Standard 704.

6.0 OTHER SPECIAL USES

☒ 6.1 The storage, use, dispensing, or handling of any hazardous materials shall be approved by the Fire Department, and adequate fire protection features shall be required. If hazardous materials are proposed, a Fire Department Hazardous Materials Information Packet, including Disclosure Form and Information Worksheet, shall be completed and submitted with Material Safety Data Sheets to the Fire Department along with building construction plans.

☒ 6.2 Any High Piled Storage, or storage of combustible materials greater than twelve (12') feet in height for ordinary (Class I-IV) commodities or storage greater than six feet (6') in height of high hazard (Group A plastics, rubber tires, flammable liquids, etc.) shall be approved by the Fire Department, and adequate fire protection features shall be required. If High Piled Storage is proposed, a Fire Department High Piled Storage Worksheet shall be completed and detailed racking plans or floor plans submitted prior to occupancy of the building.

☒ 6.3 Underground fuel tanks, their associated piping and dispensers shall be reviewed, approved, and permitted by Ontario Building Department, Ontario Fire Department, and San Bernardino County Fire Department Hazardous Materials Division. In fueling facilities, an exterior emergency pump shut-off switch shall be provided.

CITY OF ONTARIO

MEMORANDUM

TO: Scott Murphy, Community Development Director (Copy of memo only)
Rudy Zeledon, Planning Director (Copy of memo only)
Diane Ayala, Advanced Planning Division (Copy of memo only)
Charity Hernandez, Economic Development
James Caro, Building Department
Raymond Lee, Engineering Department
Jamie Richardson, Landscape Planning Division
Dennis Mejia, Municipal Utility Company
Jeremy Phillips, Police Department
Paul Erhman, Deputy Fire Chief/Fire Marshal
Jay Bautista, Traffic/Transportation Manager
Lorena Mejia, Airport Planning
Tricia Espinoza, Engineering/NPDES
Angela Magana, Community Improvement (Copy of memo only)
Jimmy Chang, IPA Department
Ben Mayorga, Integrated Waste

FROM: Luis Batres, Senior Planner

DATE: September 16, 2022

SUBJECT: FILE #: PDEV22-040 Finance Acct#:

The following project has been submitted for review. Please send one (1) copy and email one (1) copy of your DAB report to the Planning Department by .

Note:
- [X] Only DAB action is required
- [ ] Both DAB and Planning Commission actions are required
- [ ] Only Planning Commission action is required
- [ ] DAB, Planning Commission and City Council actions are required
- [ ] Only Zoning Administrator action is required

PROJECT DESCRIPTION: A Development Plan to construct one 62,136-square-foot industrial building on 4.12 acres of land located at 2042 South Grove Avenue, within the Office/Commercial land use district of the Grove Avenue Specific Plan (APN: 105-049-111). Related File: PSPA22-007

- [X] The plan does adequately address the departmental concerns at this time.
  - [X] No comments
  - [ ] Report attached (1 copy and email 1 copy)
  - [X] Standard Conditions of Approval apply
- [ ] The plan does not adequately address the departmental concerns.
  - [ ] The conditions contained in the attached report must be met prior to scheduling for Development Advisory Board.

ONTARIO POLICE | ANTONIO GALBAN | POLICE OFFICER | 10/5/22

Department | Signature | Title | Date

CITY OF ONTARIO

MEMORANDUM

TO: Scott Murphy, Community Development Director (Copy of memo only)
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  - [ ] Standard Conditions of Approval apply
- [ ] The plan does not adequately address the departmental concerns.
  - [ ] The conditions contained in the attached report must be met prior to scheduling for Development Advisory Board.

Department	Signature	Title	Date
Community Improvement	EJ2	CI Supervisor	9/26/22

AIRPORT LAND USE COMPATIBILITY PLANNING
CONSISTENCY DETERMINATION REPORT

ONTARIO AIRPORT PLANNING

Project File No.: PDEV22-040 & PSPA22-007

Address: 2042 South Grove Avenue

APN: 1050-491-11

Existing Land Use: Construction office and storage yard

Proposed Land Use: Development Plan to construct 62,136 SF Industrial Building & SPA to change the land use district from Office/Commercial to Business Park

Site Acreage: 0.606 Proposed Structure Height: 40 FT

ONT-IAC Project Review: N/A

Airport Influence Area: ONT

Reviewed By: Lorena Mejia

Contact Info: 909-395-2276

Project Planner: Luis Batres

Date: 1/30/2023

CD No.: 2022-055

PALU No.: N/A

The project is impacted by the following ONT ALUCP Compatibility Zones:

Safety	Noise Impact	Airspace Protection	Overflight Notification
○ Zone 1	○ 75+ dB CNEL	☐ High Terrain Zone	☐ Avigation Easement Dedication
○ Zone 1A	○ 70 - 75 dB CNEL	☑ FAA Notification Surfaces	☑ Recorded Overflight Notification
☐ Zone 2	☐ 65 - 70 dB CNEL	☑ Airspace Obstruction Surfaces	☐ Real Estate Transaction Disclosure
☐ Zone 3	☑ 60 - 65 dB CNEL	☐ Airspace Avigation Easement Area	
☐ Zone 4		Allowable Height: 200 FT +	
○ Zone 5			

The project is impacted by the following Chino ALUCP Safety Zones:

○ Zone 1 ○ Zone 2 ○ Zone 3 ○ Zone 4 ○ Zone 5 ☐ Zone 6

Allowable Height:

CONSISTENCY DETERMINATION

This proposed Project is: ○ Exempt from the ALUCP ◉ Consistent ○ Consistent with Conditions ○ Inconsistent

The proposed project is located within the Airport Influence Area of Ontario International Airport (ONT) and was evaluated and found to be consistent with the policies and criteria of the Airport Land Use Compatibility Plan (ALUCP) for ONT.

Airport Planner Signature: Lorena Mejia

CITY OF ONTARIO PLANNING DEPARTMENT

DEVELOPMENT ADVISORY BOARD DECISION

February 21, 2024

303 East B Street, Ontario, California 91764 Phone: 909.395.2036 / Fax: 909.395.2420

DECISION NO.: [insert #]

FILE NO.: PDEV23-017

DESCRIPTION: A hearing to consider a Development Plan to construct 69 multiple-family dwellings on approximately 1.22 acres of land located at 218 East D Street, within the MU-1 (Downtown Mixed Use) zoning district; (APNs: 1048-556-01, 1048-556-02, 1048-556-03, 1048-556-04, 1048-556-05, and 1048-556-14); **submitted by Euclid Investment Group, LLC.**

PART 1: BACKGROUND & ANALYSIS

EUCLID INVESTMENT GROUP, LLC, (herein after referred to as "Applicant") has filed an application requesting approval of a Development Plan, File No. PDEV23-017, as described in the subject of this Decision (herein after referred to as "Application" or "Project").

PROJECT SETTING: The project site is comprised of 1.22-acres of land located south of D street, west of Plum Avenue, and east of Lemon Avenue at 218 East D Street, which is depicted in Exhibit A: Project Location Map, attached. The existing site is currently developed with a paved public parking lot. On the same block, across the public alley to the south, is the Ovitt Family Community Library, the University of La Verne is to the east, a mixture of commercial and residential land uses are to the north, and the C Street public parking structure is to the west. Also, to the west and currently under construction, is phase 1 of Downtown Ontario Luxury Apartments. Phase 1 is a new 4-story, mixed-use building consisting of 144 residential apartment units and approximately 4,500 square feet of ground floor commercial. Existing land uses, and Policy Plan (general plan) and zoning designations, on and surrounding the project site are as follows:

	Existing Land Use	***Policy Plan Land Use Designation***	***Zoning Designation***
Site:	Paved public parking lot	Mixed Use Downtown	MU-1 (Mixed Use Downtown) & Ontario Luxury Apartments Phase II PUD
North:	Commercial and residential	Office Commercial & Medium Density Residential	OL (Office Light) & MDR-18 (Medium Density Residential)
South:	Public library	Public Facility	Civic
East:	Private university	Mixed Use Downtown	MU-1 (Mixed Use Downtown)

	Existing Land Use	***Policy Plan Land Use Designation***	***Zoning Designation***
West:	Structure parking and multiple family residential	Mixed Use Downtown	MU-1 (Mixed Use Downtown) & Downtown Civic Center PUD

(1) Background — On October 26, 2021, the Planning Commission approved Development Plan, File No. PDEV20-020, to construct the Downtown Ontario Luxury Apartments (phase 1) and construction began early in 2023. The development is expected to be fully operational by 2025.

On December 6, 2022, the City Council approved a Disposition and Development Agreement ("DDA") with the Applicant for a mutual benefit that would further The Ontario Plan (TOP) Policy Plan (general plan) goals of an intensive mixture of retail, office, and residential uses in a pedestrian friendly atmosphere, while ensuring that the historic character of the Downtown is preserved. The DDA includes requirements for the Applicant to adhere to certain deadlines for project entitlement and construction completion for the disposition of the property.

The project site is located within the MU-1 (Downtown Mixed-Use) zoning district, requiring the preparation and approval of a Planned Unit Development to establish the development standards and design guidelines for the site. The Applicant has filed a request for approval of the Downtown Ontario Luxury Apartments, Phase II Planned Unit Development ("PUD") concurrently with the subject Development Plan to construct 69 multiple-family dwellings. Final approval of the Development Plan is contingent upon the City Council adoption of the PUD for the project site.

(2) Site Design/Building Layout — The Project proposes the construction of one building consisting of 69 residential apartment units, at a density of 56.6 dwelling units per acre as depicted in Exhibit B: Site Plan, attached. The proposed rectangular-shaped building will have 3-stories, with an overall average height of 38 feet, and constructed with an approximate 12-foot setback from Lemon Avenue, a 6-foot setback (including a 2-foot architectural projection) from D Street, a 4-foot setback (including a 2-foot architectural projection) from Plum Avenue, and a 5.5-foot setback from the alley.

Oriented towards Lemon Avenue, the main lobby, leasing office, and mail room are centrally located on the ground floor and are flanked by 3 residential units. The remainder of the ground floor will serve as the parking garage for residents and guests. The stacked-flat residential unit configuration located on the second and third floors will provide one and 2-bedroom apartments centered around a podium level green courtyard. Residential units, as described in the table below, will be accessible from interior hallways, one on-site elevator, and 3 stairwells. Each unit will have a minimum of one private deck 90 square feet in size and units located on the podium level that front onto the courtyard will have additional private patio area ranging in size from 78 to 113 square feet, and are depicted in Exhibit C: Floor Plans, attached.

Residential Floor Plan

Plan No.	*Area (in SF)*	*No. Bedrooms*	*No. Baths*	*No. of Units*
P1-1	724	1 bedroom	1 bath	8
P1-2	743	1 bedroom	1 bath	20
P2-0	932	2 bedrooms	2 baths	8
P2-1	1022	2 bedrooms	2 baths	8
P2-2	1050	2 bedrooms	2 baths	25
TOTAL RESIDENTIAL UNITS				**69**

(3) Site Access/Circulation — The Project will have pedestrian access points to the site along D Street through a secured gate, through the main lobby on Lemon Avenue, and through 2 secured doorways that lead to enclosed stairwells located on the west and east sides of the alley. Additional secured access points that lead to the first-floor interior lobby and the elevator are from Lemon Avenue and the alley. Access to the units will be from a series of interior lobbies. Vehicular access to the site is provided from a 15-foot-wide one-way public alley where two 24-foot-wide, gated garage entry bays are located.

(4) Parking — The Project requires 124 vehicle parking spaces as specified in the proposed PUD and the Project proposes 126 vehicle parking spaces, which exceeds the minimum parking required for the Project. The off-street parking calculations for the Project are summarized in the table below:

Parking Summary

Type of Use	*No. of units*	*Parking Ratio*	*Spaces Required*	*Spaces Provided*
Residential Units	69 (110 bedrooms)	1 space per bedroom	110	110
Residential Guest	69 units	0.20 space per unit	14	16
TOTAL			**124**	**126**

The Project site is currently developed with a surface parking lot that provides 113 parking spaces for public use. Development of the Project will result in relocation of the public parking spaces to curb adjacent street parking and in nearby public parking lots. A Parking Inventory was prepared by RK Engineering Group, Inc. on January 23, 2024 to determine the number of existing and temporary off-street and street parking spaces located within 4 blocks of the project site, and is provided in Exhibit H: Downtown Parking Inventory.

As the Inventory demonstrates, there are currently 704 public parking spaces and 326 street (curb adjacent) parking spaces for a total of 1,030 parking spaces for public use. The City is preparing to grade, slurry and stripe approximately 2 acres of land located on the 400 block of North Euclid Avenue, south of East E Street, north of East D Street and west of North Lemon Avenue, for use as temporary public parking that will provide 207 off-street parking spaces. Additionally, construction has commenced on a parking structure located mid-block on North Sultana Avenue, south of East D Street and north of East B Street that will provide 821 public parking spaces. Once these improvements have been completed, the availability of parking will increase by approximately 960 parking spaces from 1,030 to 1,990 spaces, to serve the Civic Center. The current parking supply, along with the ability to deliver additional parking spaces, makes the proposed development of the public parking lot feasible.

(5) Architecture —The building will be designed in a contemporary architectural style to compliment the Downtown Ontario Luxury Apartments (phase 1) and is depicted in Exhibit D: Exterior Elevations and Exhibit E: Project Rendering, attached. The main lobby entrance is designed as a traditional storefront with a bulkhead (base), large windows, transom windows and entry door with a kick plate. A mid-panel floor has been added to distinguish the ground (garage) level from the upper residential levels, vertically dividing the building. Large decorative metal security screens will cover the garage bay openings which have been designed to maintain the window fenestration. Brick veneer, in a variety of color and texture, will emphasize the first story of the building and on upper levels at key locations to create articulation in the building modulation. Upper stories will have a combination of smooth trowel finish, scored horizontal and vertical reveals, and horizontal cementitious siding. Vertical panels with windows will be inset from the exterior wall face and metal awnings are strategically placed over first and third story windows to provide visual relief. The building has a parapet roof with a decorative cornice.

The Project illustrates the type of high-quality residential development and architecture promoted by the proposed Downtown Ontario Luxury Apartments, Phase II PUD, the Downtown Design Guidelines and the Ontario Development Code. This is exemplified through the use of:

- Articulation in building footprint and in dipartite and tripartite divisions, creating breaks in horizontal massing; and

- Articulation in storefront modulation through color and material change, bulkhead/base, transom windows, glass entry doors with kickplate, and mid-floor panels; and

- Articulation in the building parapet and roof lines, which serves to accentuate the building's entries and openings, and breaks up large expanses of building wall; and

- Recessed and symmetrically arranged upper floor windows; and

- A mix of exterior materials, finishes, fixtures, and color blocking.

(6) Landscaping, Common Open Space and Amenities — Landscaping is provided for the full length of the Project street frontages, alley, and recreation area for a total of 7,923 square feet, which meets the minimum 15 percent landscape coverage requirement for the Project. A variety of accent and shade trees in 24-inch, 36-inch, and 48-inch box and 15-gallon sizes, as well as 1, 5, and 15- gallon size shrubs, groundcover, and vines will be planted in a variety of species throughout the site to create landscape areas that are aesthetically pleasing while having low or moderate water usage. Decorative paving and lighting will be provided at entries, pedestrian walkways, and other key locations throughout the Project, as depicted in Exhibit F: Landscape Plan, attached.

Existing parkway trees located on Lemon Avenue and Plum Avenue will be preserved and 24-inch box Sycamores will be planted in a new curb adjacent parkway along D Street to match the Civic Center. Existing streetlight posts will be replaced with King standard lamppost to achieve maximum compatibility.

Approximately 9,000 square feet of common open space and recreation area are provided within the podium courtyard located on the second level, as depicted in Exhibit G: Common Open Space Plan. The courtyard is enhanced with decorative tile and paving and is landscaped with a variety of 36-inch box trees that enclose the perimeter, creating a semi-private area. Barbeques, counter tops, built in benches with tile back and seat, and raised planters are located at each end of the courtyard.

A total of 15,180 square feet of private and common open space is required for the Project and a total of 16,533 square feet has been provided, exceeding the minimum standard as shown in the Open Space Summary below.

OPEN SPACE SUMMARY		
Open Space	***Total Area Required (in SF)***	***Total Area Provided (in SF)***
Common Open Space	8,970 (130 SF per unit)	8,995
Private Open Space	6,210 (90 SF per unit)	7,538
TOTAL	**15,180**	**16,533**

(7) Signage — All project signage is required to comply with sign regulations provided in Ontario Development Code Division 8.1. Prior to the issuance of a Building Permit for the installation of any new on-site signage, the Applicant is required to submit Sign Plans for Planning Department review and approval.

(8) Utilities (drainage, sewer) — Public utilities (water and sewer) are available to serve the Project. Furthermore, the Applicant has submitted a Preliminary Water Quality Management Plan ("PWQMP"), which establishes the Project's compliance with storm water discharge/water quality requirements. The PWQMP includes site design measures that capture runoff and pollutant transport by minimizing impervious surfaces and

maximizes low impact development ("LID") best management practices ("BMPs"), such as retention and infiltration, biotreatment, and evapotranspiration. The PWQMP proposes the use of an underground storm capture detention and pre-treatment systems located at the southwest portion of the project area. Any overflow drainage will be conveyed to the public street by way of parkway drains and culverts.

PUBLIC NOTIFICATION: Public notification is not required, as the Development Advisory Board is acting in its capacity as an advisory body to the Planning Commission. Public notification is required prior to the Planning Commission hearing on the Project.

CORRESPONDENCE: As of the preparation of this Decision, Planning Department staff has not received any written or verbal communications from the owners of properties surrounding the project site or from the public in general, regarding the subject application.

AGENCY/DEPARTMENT REVIEWS: Each City agency/department has been provided the opportunity to review and comment on the subject application and recommend conditions of approval to be imposed upon the application. At the time of the Decision preparation, recommended conditions of approval were provided and are included with this Decision.

AIRPORT LAND USE COMPATIBILITY PLAN (ALUCP) COMPLIANCE: The California State Aeronautics Act (Public Utilities Code Section 21670 et seq.) requires that an Airport Land Use Compatibility Plan be prepared for all public use airports in the State; and requires that local land use plans and individual development proposals must be consistent with the policies set forth in the adopted Airport Land Use Compatibility Plan.

On April 19, 2011, the City Council of the City of Ontario approved and adopted the ONT ALUCP, establishing the Airport Influence Area for Ontario International Airport, which encompasses lands within parts of San Bernardino, Riverside, and Los Angeles Counties, and limits future land uses and development within the Airport Influence Area, as they relate to noise, safety, airspace protection, and overflight impacts of current and future airport activity. As the recommending body for the Project, the Development Advisory Board has reviewed and considered the facts and information contained in the Application and supporting documentation against the ONT ALUCP compatibility factors, including [1] Safety Criteria (ONT ALUCP Table 2-2) and Safety Zones (ONT ALUCP Map 2-2), [2] Noise Criteria (ONT ALUCP Table 2-3) and Noise Impact Zones (ONT ALUCP Map 2-3), [3] Airspace protection Zones (ONT ALUCP Map 2-4), and [4] Overflight Notification Zones (ONT ALUCP Map 2-5). As a result, the Development Advisory Board, therefore, finds and determines that the Project, when implemented in conjunction with the conditions of approval, will be consistent with the policies and criteria set forth within the ONT ALUCP.

COMPLIANCE WITH THE ONTARIO PLAN: The proposed project is consistent with the principles, goals and policies contained within the Vision, Governance, Policy Plan (general plan), and City Council Priorities components of The Ontario Plan ("TOP"). More

specifically, the goals and policies of TOP that are furthered by the proposed project are as follows:

(1) City Council Goals.

- Invest in the Growth and Evolution of the City's Economy
- Operate in a Businesslike Manner
- Focus Resources in Ontario's Commercial and Residential Neighborhoods

(2) Vision.

Distinctive Development:

- Commercial and Residential Development

➢ Development quality that is broadly recognized as distinctive and not exclusively tied to the general suburban character typical of much of Southern California.

(3) Governance.

Decision Making:

- Goal G1: Sustained decision-making that consistently moves Ontario towards its Vision by using The Ontario Plan as a framework for assessing choices.

➢ G 1-2. Long-term Benefit. We require decisions to demonstrate and document how they add value to the community and support the Ontario Vision.

(4) Policy Plan (General Plan)

Land Use Element:

- Goal LU-1 Balance: A community that has a spectrum of housing types and price ranges that match the jobs in the City and that make it possible for people to live and work in Ontario and maintain a quality of life.

➢ LU-1.1 Strategic Growth. We concentrate growth in strategic locations that help create place and identity, maximize available and planned infrastructure, foster the development of transit, and support the expansion of the active and multimodal transportation networks throughout the City.

➢ LU-1.6 Complete Community. We incorporate a variety of land uses and building types in our land use planning efforts that result in a complete community where residents at all stages of life, employers, workers, and visitors have a wide spectrum of choices of where they can live, work, shop and recreate within Ontario.

- Goal LU-2 Compatibility: Compatibility between a wide range of uses and a resultant urban patterns and forms.

  - LU-2.6 Infrastructure Compatibility. We require infrastructure to be aesthetically pleasing and in context with the community character.

Housing Element:

- Goal H-2 Housing Supply & Diversity: Diversity of types of quality housing that are affordable to a range of household income levels, accommodate changing demographics, and support and reinforce the economic sustainability of Ontario.

  - H-2.5 Housing Design. We require architectural excellence through adherence to City design guidelines, thoughtful site planning, environmentally sustainable practices, and other best practices.

Community Economics Element:

- Goal CE-1 Complete Community: A complete community that provides for all incomes and stages of life.

  - CE-1.6 Diversity of Housing. We collaborate with residents, housing providers, and the development community to provide housing opportunities for every stage of life; we plan for a variety of housing types and price points to encourage the development of housing supportive of our efforts to attract business in growing sectors of the community while being respectful of existing viable uses.

- Goal CE-2 Placemaking: A City of distinctive neighborhoods, districts, corridors, and centers where people choose to be.

  - CE-2.1 Development Projects. We require new development and redevelopment to create unique, high-quality places that add value to the community.

  - CE-2.2 Development Review. We require those proposing new development and redevelopment to demonstrate how their projects will create appropriately unique, functional, and sustainable places that will compete well with their competition within the region.

  - CE-2.4 Protection of Investment. We require that new development and redevelopment protect existing investment by providing architecture and urban design of equal or greater quality.

  - CE-2.5 Private Maintenance. We require adequate maintenance, upkeep, and investment in private property because proper maintenance on private property protects property values.

Safety Element:

- Goal S-1 Seismic & Geologic Hazards: Minimized risk of injury, loss of life, property damage, and economic and social disruption caused by earthquake-induced and other geologic hazards.

  - S-1.1 Implementation of Regulations and Standards. We require that all new habitable structures be designed in accordance with the most recent California Building Code adopted by the City, including provisions regarding lateral forces and grading.

Community Design Element:

- Goal CD-1 Image & Identity: A dynamic, progressive city containing distinct and complete places that foster a positive sense of identity and belonging among residents, visitors, and businesses.

  - CD-1.1 City Identity. We take actions that are consistent with the City being a leading urban center in Southern California while recognizing, enhancing, and preserving the character of our existing viable neighborhoods.

  - CD-1.2 Place Types. We establish Place Types in urban, mixed use, and transit-oriented areas to foster the City's identity as a premier community and require new development within each Place Type to incorporate prescribed urban patterns, forms, and placemaking priorities.

  - CD-1.3 Existing Neighborhoods. We require the existing character of viable residential and non-residential neighborhoods be preserved, protected, and enhanced.

- Goal CD-2 Design Quality: A high level of design quality resulting in neighborhoods, public spaces, parks, and streetscapes that are attractive, safe, functional, human-scale, and distinct.

  - CD-2.1 Quality Building Design and Architecture. We encourage all development projects to convey visual interest and character through:

    - Building volume, massing, and height to provide context-appropriate scale and proportion;
    - A true architectural style which is carried out in plan, section, and elevation through all aspects of the building and site design and appropriate for its setting; and
    - Exterior building materials that are articulated, high quality, durable, and appropriate for the architectural style.

  - CD-2.2 Neighborhood Design. We create distinct residential neighborhoods that promote a sense of community and identity by emphasizing access, connectivity, livability, and social interaction through such elements as:

- A pattern of smaller, walkable blocks that promote activity, safety, and access to nearby amenities and services;
- Varied parcel sizes and lot configurations to accommodate a diversity of housing types;
- Traffic calming measures to slow traffic and promote walkability while maintaining acceptable traffic flows and emergency evacuation access;
- Floor plans that encourage views onto the street and de-emphasize the visual and physical dominance of garages (introducing the front porch as the "outdoor living room"), as appropriate; and
- Landscaped parkways, with sidewalks separated from the curb and designed to maximize safety, comfort, and aesthetics for all users.

➢ CD-2.7 Sustainability. We collaborate with the development community to design and build neighborhoods, streetscapes, sites, outdoor spaces, landscaping, and buildings to reduce energy demand through solar orientation, maximum use of natural daylight, passive solar and natural ventilation, building form, mechanical and structural systems, building materials, and construction techniques.

➢ CD-2.8 Safe Design. We incorporate defensible space design into new and existing developments to ensure the maximum safe travel and visibility on pathways, corridors, and open space and at building entrances and parking areas by avoiding physically and visually isolated spaces, maintaining visibility and accessibility, and using lighting.

➢ CD-2.9 Landscape Design. We encourage durable, sustainable, and drought-tolerant landscaping materials and designs that enhance the aesthetics of structures, create and define public and private spaces, and provide shade and environmental benefits.

➢ CD-2.12 Site and Building Signage. We encourage the use of sign programs that utilize complementary materials, colors, and themes. Project signage should be designed to effectively communicate and direct users to various aspects of the development and complement the character of the structures.

➢ CD-2.13 Entitlement Process. We work collaboratively with all stakeholders to ensure a high degree of certainty in the efficient review and timely processing of all development plans and permits.

▪ Goal CD-3 Urban, Mixed Use, and Transit-Oriented Place Types: Vibrant urban environments that are organized around intense buildings, pedestrian and transit areas, public plazas, and linkages between and within developments that are conveniently located, visually appealing and safe during all hours.

➢ CD-3.2 Comfortable, Human-Scale Public Realm. We require that public spaces, including streets, parks, and plazas on both public and private property be

designed to maximize safety, comfort and aesthetics and connect to the citywide pedestrian, vehicular, and bicycle networks.

- *CD-3.3* Complete and Connected Network. We require that pedestrian, vehicular, and bicycle circulation on both public and private property be coordinated to provide connections internally and externally to adjacent neighborhoods and properties (existing and planned) through a system of local roads and trails that promote walking and biking to nearby destinations (including existing and planned parks, commercial areas, and transit stops) and are designed to maximize safety, comfort, and aesthetics.

- CD-3.4 Context-Aware and Appropriate Design. We require appropriate building and site design that complements existing development, respects the intent and identity of the Place Type, and provides appropriate transitions and connections between adjacent uses to ensure compatibility of scale, maintain an appropriate level of privacy for each use, and minimize potential conflicts.

- CD-3.5 Active Frontages. We create lively pedestrian streetscapes by requiring primary building, business, and residential entrances, outdoor dining, and storefronts be located on ground floors adjacent to sidewalks or public spaces and designed to maximize safety, comfort, aesthetics, and the intended functionality (as defined by the Place Type).

- CD-3.6 Managed Infrastructure. We collaborate with developers and property owners to facilitate development that realizes the envisioned character and functionality of the Place Type through the use of green and shared infrastructure within each Place Type.

- Goal CD-5 Protection of Investment: A sustained level of maintenance and improvement of properties, buildings, and infrastructure that protects the property values and encourages additional public and private investments.

- CD-5.1 Maintenance of Buildings and Property. We require all public and privately-owned buildings and property (including trails and easements) to be properly and consistently maintained.

- CD-5.2 Maintenance of Infrastructure. We require the continual maintenance of infrastructure.

HOUSING ELEMENT COMPLIANCE: The project is consistent with the Housing Element of the Policy Plan (general plan) component of The Ontario Plan, as the project site is not one of the properties in the Housing Element Sites contained in Tables B-1 and B-2 (Housing Element Sites Inventory) of the Housing Element Technical Report.

PART 2: RECITALS

WHEREAS, the Application is a Project pursuant to the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) ("CEQA") and an initial study has been prepared to determine possible environmental impacts; and

WHEREAS, the Project is exempt from CEQA pursuant to a categorical exemption (listed in CEQA Guidelines Article 19, commencing with Section 15300) and the application of that categorical exemption is not barred by one of the exceptions set forth in CEQA Guidelines Section 15300.2; and

WHEREAS, Ontario Development Code Table 2.02-1 (Review Matrix) grants the Development Advisory Board (hereinafter referred to as "DAB") the responsibility and authority to review and make recommendation to the Planning Commission on the subject Application; and

WHEREAS, all members of the DAB of the City of Ontario were provided the opportunity to review and comment on the Application, and no comments were received opposing the proposed development; and

WHEREAS, the Project has been reviewed for consistency with the Housing Element of the Policy Plan component of The Ontario Plan, as State Housing Element law (as prescribed in Government Code Sections 65580 through 65589.8) requires that development projects must be consistent with the Housing Element, if upon consideration of all its aspects, it is found to further the purposes, principals, goals, and policies of the Housing Element; and

WHEREAS, the Project is located within the Airport Influence Area of Ontario International Airport, which encompasses lands within parts of San Bernardino, Riverside, and Los Angeles Counties, and is subject to, and must be consistent with, the policies and criteria set forth in the Ontario International Airport Land Use Compatibility Plan (hereinafter referred to as "ONT ALUCP"), which applies only to jurisdictions within San Bernardino County, and addresses the noise, safety, airspace protection, and overflight impacts of current and future airport activity; and

WHEREAS, City of Ontario Development Code Division 2.03 (Public Hearings) prescribes the manner in which public notification shall be provided and hearing procedures to be followed, and all such notifications and procedures have been completed; and

WHEREAS, on February 21, 2024, the DAB of the City of Ontario conducted a hearing on the Application and concluded said hearing on that date; and

WHEREAS, all legal prerequisites to the adoption of this Decision have occurred.

PART 3: THE DECISION

NOW, THEREFORE, IT IS HEREBY FOUND, DETERMINED AND DECIDED by the Development Advisory Board of the City of Ontario as follows:

SECTION 1: Environmental Determination and Findings. As the recommending body for the Project, the DAB has reviewed and considered the information contained in the administrative record for the Project, including all written and oral evidence provided during the comment period. Based upon the facts and information contained in the administrative record, including all written and oral evidence presented to the DAB, the DAB finds as follows:

(1) The Project is categorically exempt from the requirements of the California Environmental Quality Act (CEQA) pursuant to Section 15332 (Class 32, In-fill Development Projects) of the CEQA Guidelines, and meets all the following conditions:

(a) *The proposed Project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations.* The proposed Project is located within the Downtown Mixed Use land use designation of the Policy Plan (general plan) Land Use Map, and the MU-1 (Downtown Mixed Use) zoning district. The proposed Project is consistent with all applicable Policy Plan policies, as well as with the requirements of the MU-1 (Downtown Mixed Use) zoning district and the related proposed Downtown Ontario Luxury Apartments, Phase II Planned Unit Development, which, at the Project location, intends to accommodate housing units at a density of 25 to 75 du/ac.

(b) *The proposed development occurs within city limits on a project site of no more than five acres substantially surrounded by urban uses.* The Project is proposed within the established boundaries of the City of Ontario, on a project site totaling 1.22-acres of land, which is surrounded by established development on all sides and consists of a mix of multiple-family, civic, retail, and commercial land uses.

(c) *The Project site has no value as habitat for endangered, rare, or threatened species.* The site is located in an urbanized area, is devoid of any flora or fauna, is regularly used for passenger vehicle parking by neighboring residents, and as such not suitable habitat for any endangered, rare, or threatened species.

(d) *Approval of the Project would not result in any significant effects relating to traffic, noise, air quality, or water quality.* The residential development is similar to, and of no greater impact than other allowed uses and development projects within the MU-1 (Downtown Mixed Use) zoning district. The Project would not result in any significant impacts through implementation of required state, regional, and local development and performance standards, and as demonstrated in the GHG and Traffic analysis, noise and parking studies, Arborist Report, and the Preliminary Water Quality Management Plan ("PWQMP") prepared for the Project.

(e) *The site is adequately served by all required utilities and public services.* All necessary wet and dry utilities are within the public street and are readily available for connection.

(2) The application of the categorical exemption is not barred by one of the exceptions set forth in CEQA Guidelines Section 15300.2; and

(3) The determination of CEQA exemption reflects the independent judgment of the DAB.

SECTION 2: Housing Element Compliance. Pursuant to the requirements of California Government Code Chapter 3, Article 10.6, commencing with Section 65580, as the recommending body for the Project, the DAB finds that based on the facts and information contained in the Application and supporting documentation, at the time of Project implementation, the Project is consistent with the Housing Element of the Policy Plan (General Plan) component of The Ontario Plan, as the Project site is not one of the properties in the Housing Element Sites contained in Tables B-1 and B-2 (Housing Element Sites Inventory) of the Housing Element Technical Report.

SECTION 3: Concluding Facts and Reasons. Based upon the substantial evidence presented to the DAB during the above-referenced hearing and upon the facts and information set forth in Parts I (Background and Analysis) and II (Recitals), above, and the determinations set forth in Sections 1 and 2, above, the DAB hereby concludes as follows:

(1) *The proposed development at the proposed location is consistent with the goals, policies, plans and exhibits of the Vision, Policy Plan (General Plan), and City Council Priorities components of The Ontario Plan.* The proposed Project is located within the Downtown Mixed Use land use district of the Policy Plan Land Use Map, and the MU-1 (Downtown Mixed Use) zoning district. The development standards and conditions under which the proposed Project will be constructed and maintained, is consistent with the goals, policies, plans, and exhibits of the Vision, Policy Plan (General Plan), and City Council Priorities components of The Ontario Plan; and

(2) *The proposed development is compatible with those on adjoining sites in relation to location of buildings, with particular attention to privacy, views, any physical constraint identified on the site and the characteristics of the area in which the site is located.* The Project has been designed consistent with the requirements of the City of Ontario Development Code and the MU-1 (Downtown Mixed Use) zoning district, including standards relative to the particular land use proposed (multiple-family residential), as-well-as building intensity, building and parking setbacks, building height, number of off-street parking and loading spaces, on-site and off-site landscaping, and fences, walls and obstructions; and

(3) *The proposed development will complement and/or improve upon the quality of existing development in the vicinity of the Project and the minimum safeguards necessary*

to protect the public health, safety and general welfare have been required of the proposed Project. The Development Advisory Board has required certain safeguards, and impose certain conditions of approval, which have been established to ensure that: [i] the purposes of the proposed Downtown Ontario Luxury Apartments, Phase II Planned Unit Development are maintained; [ii] the Project will not endanger the public health, safety or general welfare; [iii] the Project will not result in any significant environmental impacts; [iv] the Project will be in harmony with the area in which it is located; and [v] the Project will be in full conformity with the Vision, City Council Priorities and Policy Plan components of The Ontario Plan, and the Downtown Ontario Luxury Apartments, Phase II Planned Unit Development; and

(4) *The proposed development is consistent with the development standards and design guidelines set forth in the Development Code, or applicable specific plan or planned unit development*. The proposed Project has been reviewed for consistency with the general development standards and guidelines of the Ontario Luxury Apartments, Phase II Planned Unit Development that are applicable to the proposed Project, including building intensity, building and parking setbacks, building height, amount of off-street parking and loading spaces, parking lot dimensions, design and landscaping, bicycle parking, on-site landscaping, and fences and walls, as-well-as those development standards and guidelines specifically related to the particular land use being proposed (multiple-family residential). As a result of this review, the Development Advisory Board has determined that the Project, when implemented in conjunction with the conditions of approval, will be consistent with the development standards and guidelines described in the Downtown Ontario Luxury Apartments, Phase II Planned Unit Development.

SECTION 4: Development Advisory Board Action. Based on the findings and conclusions set forth in Sections 1 through 3, above, the DAB hereby recommends the Planning Commission APPROVE the Application subject to each and every condition set forth in the Conditions of Approval included as Attachment A of this Decision, and incorporated herein by this reference.

SECTION 5: Indemnification. The Applicant shall agree to defend, indemnify, and hold harmless, the City of Ontario or its agents, officers, and employees from any claim, action or proceeding against the City of Ontario or its agents, officers or employees to attack, set aside, void or annul this approval. The City of Ontario shall promptly notify the applicant of any such claim, action or proceeding, and the City of Ontario shall cooperate fully in the defense.

SECTION 6: Custodian of Records. The documents and materials that constitute the record of proceedings on which these findings have been based are located at the City of Ontario City Hall, 303 East "B" Street, Ontario, California 91764. The custodian for these records is the City Clerk of the City of Ontario. The records are available for inspection by any interested person, upon request.

- - - - - - - - - - - - -

APPROVED AND ADOPTED this 21st day of February 2024.

Development Advisory Board Chairman

Exhibit A: PROJECT LOCATION MAP

Exhibit B: SITE PLAN

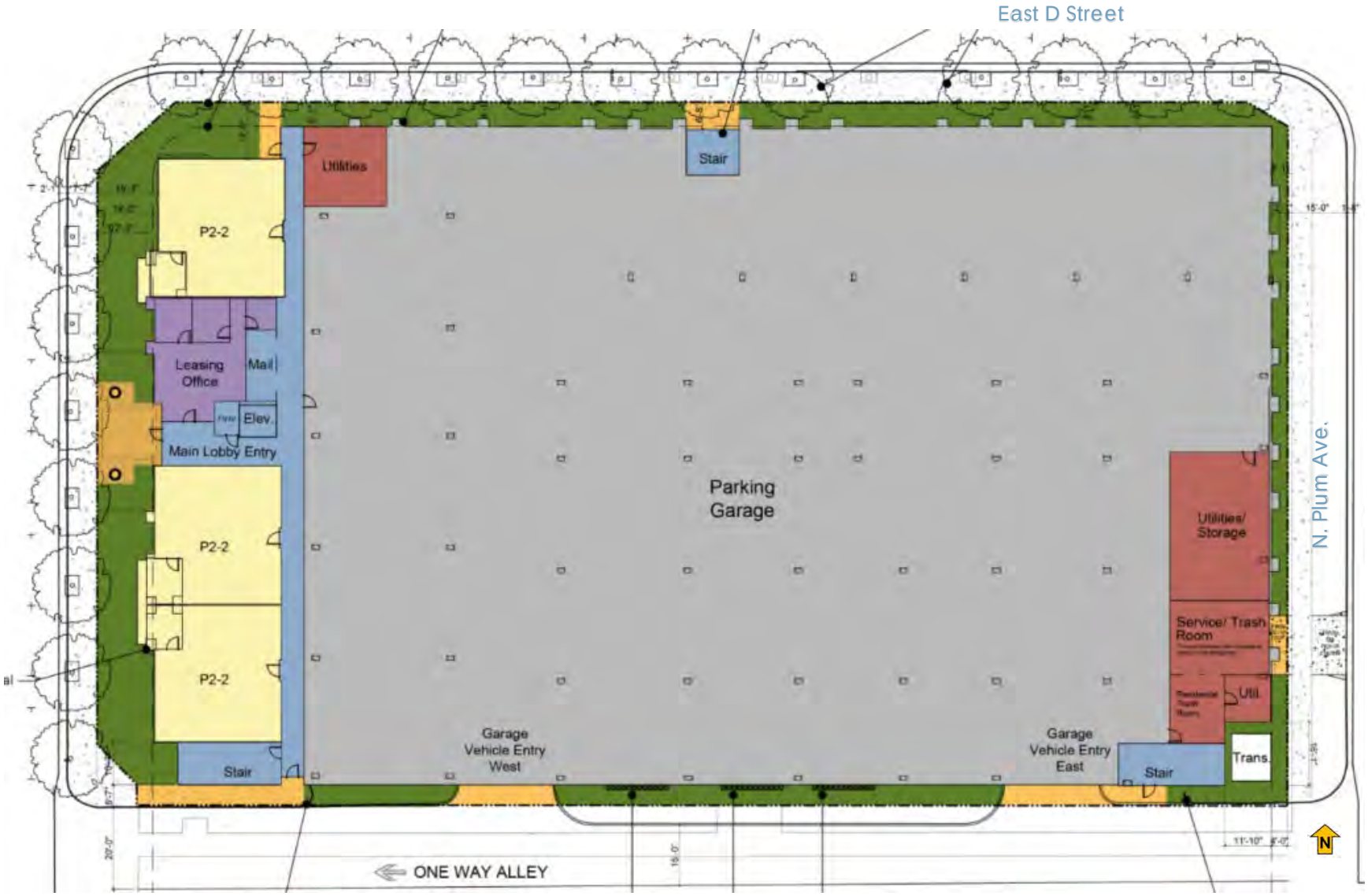


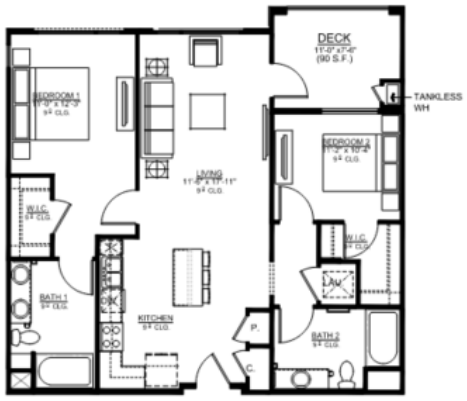
Exhibit C: FLOOR PLAN

Level 1

Exhibit C: FLOOR PLAN (CONTINUED)

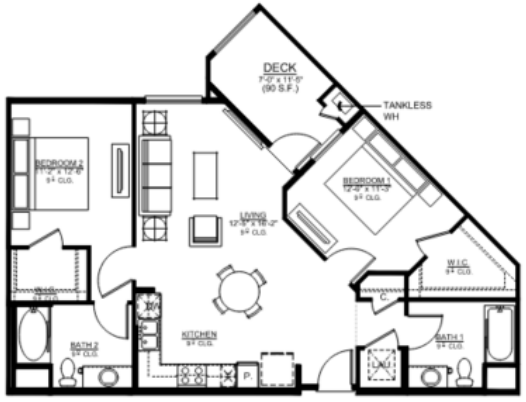
Levels 2 and 3

Exhibit C: FLOOR PLAN (CONTINUED)



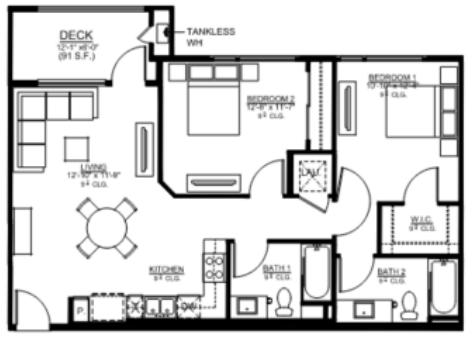
25 Units

P2 -2 (2 BED / 2 BATH)
NET S.F. - 986 S.F.
GROSS S.F. - 1,049 S.F.



8 Units

P2 -1 (2 BED / 2 BATH)
NET S.F. - 960 S.F.
GROSS S.F. - 1,020 S.F.



8 Units

P2 -0 (2 BED / 2 BATH)
NET S.F. - 864 S.F.
GROSS S.F. - 932 S.F.

GENERAL NOTES
* Window placement may vary due to elevavation - see building plans
* Mechanical shall vent through roof

20 Units

P1 -2 (1 BED / 1 BATH)
NET S.F. - 696 S.F.
GROSS S.F. - 743 S.F.

8 Units

P1 -1 (1 BED / 1 BATH)
NET S.F. - 674 S.F.
GROSS S.F. - 724 S.F.

Exhibit D: ELEVATIONS

D Street (north)

Lemon Avenue (west)

Exhibit D: ELEVATIONS (CONTINUED)

Plum Avenue(east)

Public Alley (south)

Exhibit E: CONCEPTUAL RENDERING

Plum Ave and D Street

Exhibit F: LANDSCAPE PLAN

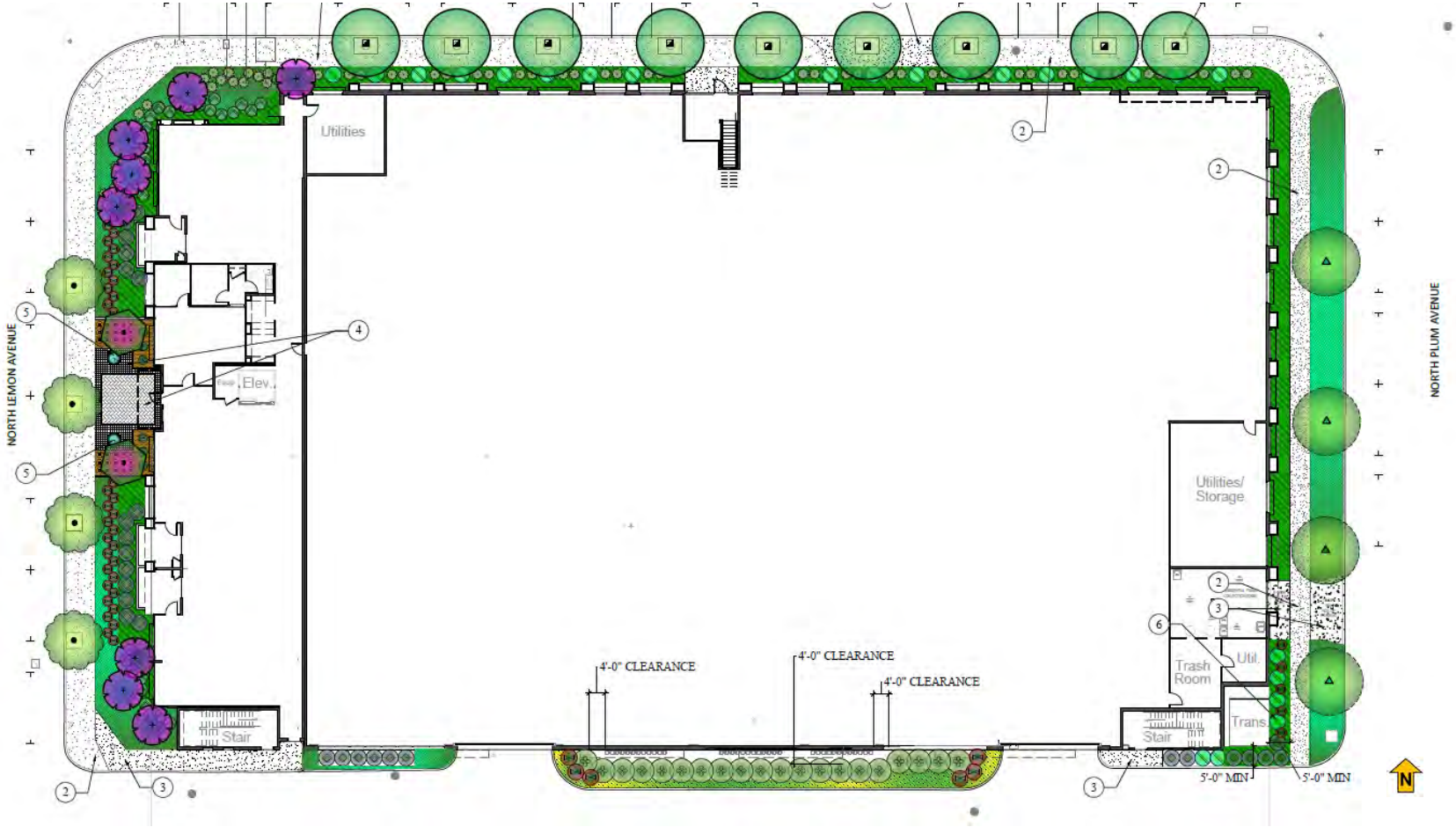


Exhibit G: Common Area Plan

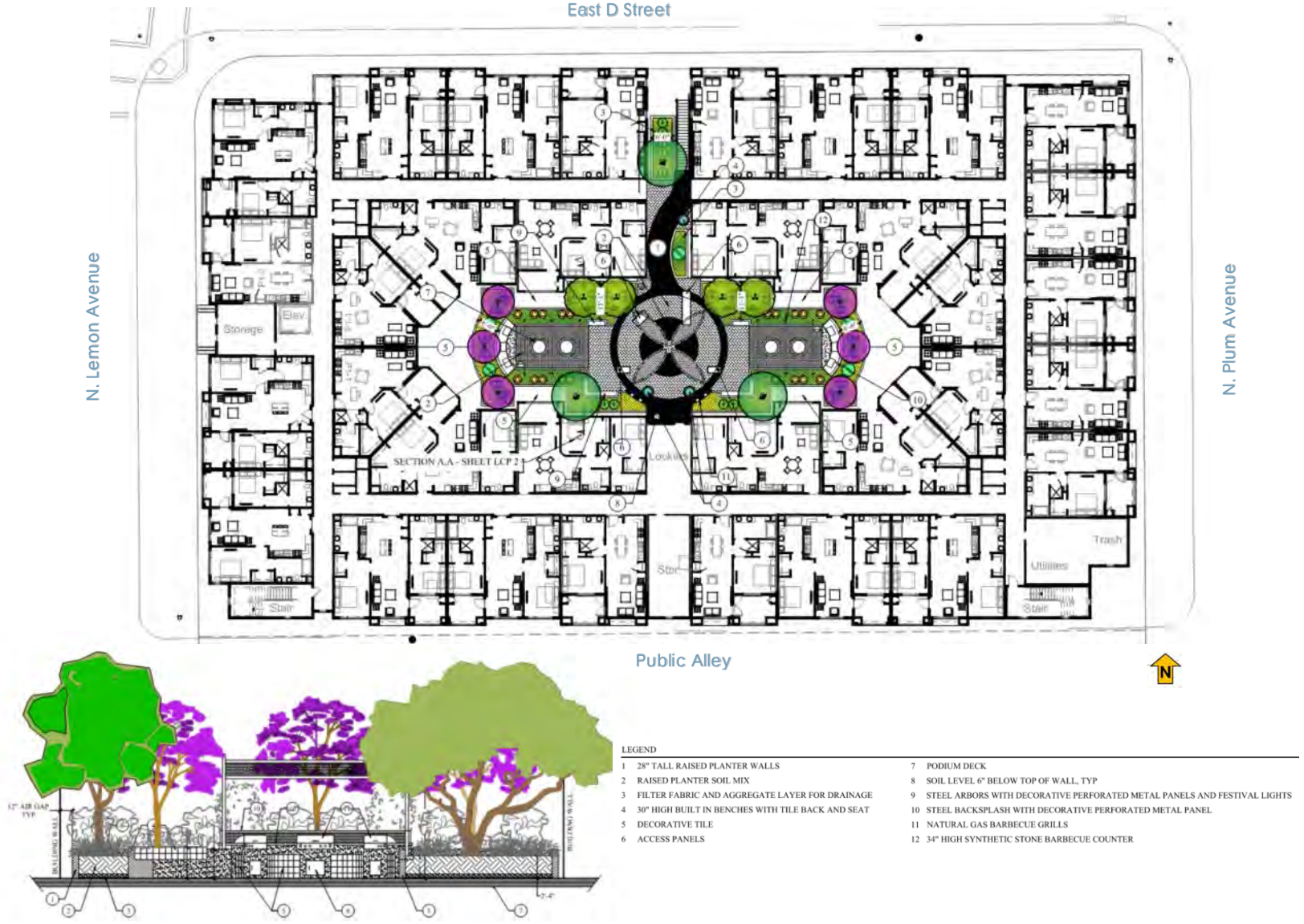


Exhibit H: DOWNTOWN PARKING INVENTORY

Exhibit A

Existing Downtown Ontario Parking Inventory

Legend:

= Project Site Boundary

= Public Parking

= City Owned Parking Lots

N

2290-2024-01
DOWNTOWN ONTARIO PARKING INVENTORY, Ontario,CA

RK engineering group, inc.

Exhibit H: DOWNTOWN PARKING INVENTORY (CONTINUED)

Exhibit B

Future Downtown Ontario Parking Inventory

Legend:

- = Project Site Boundary
- = Future Public Parking Structure (821 Spaces)
- = Future Public Parking Strcuture Boundary
- = Public Parking
- = City Owned Parking Lots

N

2290-2024-01
DOWNTOWN ONTARIO PARKING INVENTORY, Ontario, CA

RK engineering group, inc.

Exhibit H: DOWNTOWN PARKING INVENTORY (CONTINUED)

Existing Downtown Ontario Parking Inventory
(Summary Table)

Location[1, 2]	Parking Spaces
Off-Street Parking	
Block 1	49
Block 2	411
Block 4	78
Block 5	98
Block 8	39
Block 10	29
Sub-Total Off-Street Parking Supply	**704**
On-Street Parking Supply[3]	**326**
Total Existing Parking Supply	**1,030**

Future Downtown Ontario Parking Inventory
(Summary Table)

Location[1, 2]	Parking Spaces
Off-Street Parking	
Block 1	207
Block 2	411
Block 4	78
Block 5	98
Block 7 & 8	847
Block 10	29
Sub-Total Off-Street Parking Supply	**1,670**
On-Street Parking Supply[3]	**320**
Total Future Parking Supply	**1,990**

Attachment A: Conditions of Approval

(Conditions of Approval follow this page)

LAND DEVELOPMENT DIVISION CONDITIONS OF APPROVAL

303 East B Street, Ontario, California 91764 Phone: 909.395.2036 / Fax: 909.395.2420

Date Prepared: 2/5/2024

File No: PDEV23-017

Related Files: PUD23-002

Project Description: A Planned Unit Development (File No. PUD23-002) to establish development standards and design guidelines for the project site in conjunction with a Development Plan (File No. PDEV23-017) to construct 69 multiple-family dwellings on approximately 1.19 acres of land located at 218 East D Street, within the MU-1 (Downtown Mixed Use) zoning district; (APN(s): 1048-556-01, 1048-556-02, 1048-556-03, 1048-556-04, 1048-556-05, and 1048-556-14); **submitted by Euclid Investment Group, LLC.**

Prepared By: Diane Ayala, Senior Planner
Phone: 909.395.2428 (direct)
Email: dayala@ontarioca.gov

The Planning Department, Land Development Section, conditions of approval applicable to the above-described Project, are listed below. The Project shall comply with each condition of approval listed below:

1.0 Standard Conditions of Approval. The project shall comply with the *Standard Conditions for New Development*, adopted by City Council Resolution No. 2017-027 on April 18, 2017. A copy of the *Standard Conditions for New Development* may be obtained from the Planning Department or City Clerk/Records Management Department.

2.0 Special Conditions of Approval. In addition to the *Standard Conditions for New Development* identified in condition no. 1.0, above, the project shall comply with the following special conditions of approval:

2.1 Time Limits.

(a) Development Plan approval shall become null and void 2 years following the effective date of application approval, unless a building permit is issued and construction is commenced, and diligently pursued toward completion, or a time extension has been approved by the Planning Director. This condition does not supersede any individual time limits specified herein, or any other departmental conditions of approval applicable to the Project, for the performance of specific conditions or improvements.

2.2 General Requirements. The Project shall comply with the following general requirements:

(a) All construction documentation shall be coordinated for consistency, including, but not limited to, architectural, structural, mechanical, electrical, plumbing, landscape and irrigation, grading, utility and street improvement plans. All such plans shall be consistent with the approved entitlement plans on file with the Planning Department.

(b) The project site shall be developed in conformance with the approved plans on file with the City. Any variation from the approved plans must be reviewed and approved by the Planning Department prior to building permit issuance.

(c) Project is contingent on City Council approval of the Downtown Luxury Apartments, Phase II Planned Unit Development ("PUD"), File No. PUD23-002.

(d) The herein-listed conditions of approval from all City departments shall be included in the construction plan set for project, which shall be maintained on site during project construction.

2.3 Landscaping.

(a) The Project shall provide and continuously maintain landscaping and irrigation systems in compliance with the provisions of Ontario Development Code Division 6.05 (Landscaping) and the Downtown Luxury Apartments, Phase II Planned Unit Development.

(b) Comply with the conditions of approval of the Planning Department; Landscape Planning Division.

(c) Landscaping shall not be installed until the Landscape and Irrigation Construction Documentation Plans required by Ontario Development Code Division 6.05 (Landscaping) have been approved by the Landscape Planning Division.

(d) Changes to approved Landscape and Irrigation Construction Documentation Plans, which affect the character or quantity of the plant material or irrigation system design, shall be resubmitted for approval of the revision by the Landscape Planning Division, prior to the commencement of the changes.

2.4 Walls and Fences. All Project walls and fences shall comply with the requirements of Ontario Development Code Division 6.02 (Walls, Fences and Obstructions).

2.5 Parking, Circulation and Access.

(a) The Project shall comply with the applicable off-street parking, loading and lighting requirements of City of Ontario Development Code Division 6.03 (Off-Street Parking and Loading) and the PUD. A minimum of 124 parking spaces (110 residential and 14 guests) are required and 126 parking spaces have been provided on-site. Tandem parking spaces may be allowed for up to 57% of the required resident parking and shall be assigned to 2-bedroom units only.

(b) All drive approaches shall be provided with an enhanced pavement treatment. The enhanced paving shall extend from the back of the approach apron, into the site, to the first intersecting drive aisle or parking space.

(c) Areas provided to meet the PUD parking requirements, including off-street parking and loading spaces, access drives, and maneuvering areas, shall not be used for the outdoor storage of materials and equipment, nor shall it be used for any other purpose than parking.

(d) The required number of off-street parking spaces and/or loading spaces shall be provided at the time of site and/or building occupancy. All parking and loading spaces shall be maintained in good condition for the duration of the building or use.

(e) Parking spaces specifically designated and conveniently located for use by the physically disabled shall be provided pursuant to current accessibility regulations contained in State law (CCR Title 24, Part 2, Chapters 2B71, and CVC Section 22507.8).

(f) Bicycle parking facilities, including bicycle racks, lockers, and other secure facilities, shall be provided in conjunction with development projects pursuant to current regulations contained in CALGreen (CAC Title 24, Part 11). Final design and placement of bicycle parking facilities shall be subject to Planning Department review and approval.

2.6 Architectural Treatment.

(a) Construct storefront (lobby and office) in an extruded aluminum frame to provide a definitive cross section profile between frame or face of sash and the glass.

(b) Storefront shall have a bulkhead (base) 12 to 15 inches in height and shall be finished with a solid decorative material such as tile, stucco, or veneer to match building. The bulkhead shall be topped with a bullnose to delineate the change of material to the storefront.

(c) Storefront display windows may be composed of single pane of glass or be divided into smaller lights by glazing bars or muntins.

(d) Transom windows above the entrance shall be provided. The window heights should range from 2 to 3 feet, depending on overall floor height.

(e) Storefront entrance doors should be kept simple and be aluminum framed with clear glass and may have a kickplate. Sidelights and transom windows above doors are encouraged. Reflective or "black out" window tinting is prohibited.

(f) Windows on residential units shall avoid large and bulky frames with little to no reveal on the window profile. Aluminum or fiberglass frame windows with adequate profile reveals in a medium to dark color shall be used. White or light beige colors shall be avoided. Vinyl framed windows, which are typically bulky, have little to no reveal on window profile and give a flat appearance. At the Planning Director's discretion, special consideration may be made for vinyl framed windows that can demonstrate characteristics of the required window profile.

(g) The use of grids, grilles, or muntins on residential windows shall be sculpted and on the exterior of the glass. Simulated divided lites (between glass) shall be avoided.

(h) Windows shall be recessed from the building wall face at varying depths from 2 feet to no less than 2-inches.

(i) Horizontal siding shall be a Cementous material or similar. Stucco shall have a smooth finish, such as a fine sand float, where applied on exterior walls of the residential units. Stucco applied to first floor exterior building walls and mid-panel floor shall have a smooth finish applied with techniques which include steel trowel, Santa Barbara, Cat Faces, or California.

(j) Metal awning, security screens, gates, and railing shall have a powder coated or anodized finish. Paint application on metal should be avoided. Security screens and gated entries (pedestrian and vehicular) shall be decorative.

(k) Color blocking shall be applied to Project to differentiate modulation and accentuate varying building wall projection.

(l) Mid-panel floor should be 2 to 3 feet to delineate between the first floor commercial and the upper residential floors and provide a sign band area.

(m) Brick veneer, in a variety of color and texture, shall wrap the exterior building wall corners and terminate at the next wall that runs perpendicular. Veneer shall have a bull nose edge where the finished wall material changes (stucco) and around windows to provide an adequate recess and reveal.

(n) Brick veneer shall be detailed as masonry bearing walls, especially at openings. Proper masonry detailing allows the building to be more pleasing to the eye, as the openings appear to be structurally supported.

(i) Openings in a block, brick, or stone façade, including all windows and doors, shall have a lintel, arch, or soldier course at the top of the opening, which appears to structurally support the area of masonry above the opening.

(ii) A horizontal change in material from masonry to another material shall include a decorative cap or sill that projects from the face of the building.

(o) All parapet roofs shall be finished with a decorative cornice.

2.7 Mechanical and Rooftop Equipment.

(a) All exterior roof-mounted mechanical, heating and air conditioning equipment, and all appurtenances thereto, shall be completely screened from public view by parapet walls or roof screens that are architecturally treated so as to be consistent with the building architecture.

(b) All ground-mounted utility equipment and structures, such as tanks, transformers, HVAC equipment, and backflow prevention devices, shall be located out of view from a public street, or adequately screened through the use of landscaping and/or decorative low garden walls.

2.8 Security Standards. The Project shall comply with all applicable requirements of Ontario Municipal Code Title 4 (Public Safety), Chapter 11 (Security Standards for Buildings).

2.9 Signs. All Project signage shall comply with the requirements of Ontario Development Code Division 8.1 (Sign Regulations). A master sign program shall be submitted to the Planning Department for review and approval prior to installation and commencement of use.

2.10 Sound Attenuation. The Project shall be constructed and operated in a manner so as not to exceed the maximum interior and exterior noise levels set forth in Ontario Municipal Code Title 5 (Public Welfare, Morals, and Conduct), Chapter 29 (Noise).

2.11 Disclosure Statements.

(a) A copy of the Public Report from the Department of Real Estate, prepared for the subdivision pursuant to Business and Professions Code Section 11000 et seq., shall be provided to each prospective buyer of the residential units and shall include a statement to the effect that:

(i) This tract is subject to noise from the Ontario International Airport and may be more severely impacted in the future.

2.12 Environmental Requirements.

(a) If human remains are found during project grading/excavation/construction activities, the area shall not be disturbed until any required investigation is completed by the County Coroner and Native American consultation has been completed (if deemed applicable).

(b) If any archeological or paleontological resources are found during project grading/excavation/construction, the area shall not be disturbed until the significance of the resource is determined. If determined to be significant, the resource shall be recovered by a qualified archeologist or paleontologist consistent with current standards and guidelines, or other appropriate measures implemented.

2.13 Indemnification. The applicant shall agree to defend, indemnify and hold harmless, the City of Ontario or its agents, officers, and employees from any claim, action or proceeding against the City of Ontario or its agents, officers or employees to attack, set aside, void or annul any approval of the City of Ontario, whether by its City Council, Planning Commission or other authorized board or officer. The City of Ontario shall promptly notify the applicant of any such claim, action or proceeding, and the City of Ontario shall cooperate fully in the defense.

2.14 Additional Fees.

(a) Within 5 days following final application approval, the Notice of Exemption ("NOE") filing fee shall be provided to the Planning Department. The fee shall be paid by check, made payable to the "Clerk of the Board of Supervisors", which shall be forwarded to the San Bernardino County Clerk of the Board of Supervisors, along with all applicable environmental forms/notices, pursuant to the requirements of the California Environmental Quality Act ("CEQA"). The filing of a NOE is voluntary; however, failure to provide said fee within the time specified will result in the extension of the statute of limitations for the filing of a CEQA lawsuit from 30 days to 180 days.

(b) After the Project's entitlement approval, and prior to issuance of final building permits, the Planning Department's Plan Check and Inspection fees shall be paid at the rate established by resolution of the City Council.

2.15 Related Applications. Project approval shall not be final and complete until such time that related File No. PUD23-002, Downtown Luxury Apartments, Phase II Planned Unit Development has been approved by the City Council.

2.16 Final Occupancy. The Project Architect of record will certify that construction of each building site and the exterior elevations of each structure shall be completed in compliance with the approved plans. Any deviation to approved plans shall require a resubmittal to the Planning Department for review and approval prior to construction. The Occupancy Release Request Form/Architect Certificate of Compliance shall be provided prior to final occupancy. After the receipt of this Certification, the Planning Department will conduct a final site and exterior elevations inspection. The Owner's Representative and Contractor shall be present.

2.17 Additional Requirements.

(a) City King Lamppost Standards shall be installed along Project Street frontages (and alley, if lighting is required) to match the streetscape (right-of-way) design of the Civic Center at C Street, D Street, and Lemon Avenue.

CITY OF ONTARIO
MEMORANDUM

TO: **Diane Ayala, Senior Planner**
Planning Department

FROM: **Paul Ehrman, Sr. Deputy Fire Chief/Fire Marshal**
Fire Department

DATE: **July 18, 2023**

SUBJECT: **PDEV23-017 - A Development Plan approval to construct 66 multiple-family dwellings on approximately 1.19 acres of land located at 218 East D Street, within the Downtown Mixed Use zoning district (APN(s): 1048-556-01, 1048-556-02, 1048-556-03, 1048-556-04, 1048-556-05, 1048-556-14). Related File: PUD23-002**

☒ The plan **does** adequately address Fire Department requirements at this time.

☒ Standard Conditions of Approval apply, as stated below.

SITE AND BUILDING FEATURES:

A. 2019 CBC Type of Construction: Type V-A

B. Type of Roof Materials: Ordinary

C. Ground Floor Area(s): N/A

D. Number of Stories: 3

E. Total Square Footage: 128,337 Sq. Ft.

F. 2019 CBC Occupancy Classification(s): R-2, S2, B

CONDITIONS OF APPROVAL:

1.0 GENERAL

☒ 1.1 The following are the Ontario Fire Department ("Fire Department") requirements for this development project, based on the current edition of the California Fire Code (CFC), and the current versions of the Fire Prevention Standards ("Standards.") It is recommended that the applicant or developer transmit a copy of these requirements to the on-site contractor(s) and that all questions or concerns be directed to the Bureau of Fire Prevention, at (909) 395-2029. For copies of Ontario Fire Department Standards please access the City of Ontario web site at www.ontarioca.gov/Fire/Prevention.

☒ 1.2 These Fire Department conditions of approval are to be included on any and all construction drawings.

2.0 FIRE DEPARTMENT ACCESS

☒ 2.1 Fire Department vehicle access roadways shall be provided to within 150 ft. of all portions of the exterior walls of the first story of any building, unless specifically approved. Roadways shall be paved with an all-weather surface and shall be a minimum of twenty-four (24) ft. wide. See Standard #B-004.

☒ 2.2 In order to allow for adequate turning radius for emergency fire apparatus, all turns shall be designed to meet the minimum twenty five feet (25') inside and forty-five feet (45') outside turning radius per Standard #B-005.

☒ 2.3 Fire Department access roadways that exceed one hundred and fifty feet (150') in length shall have an approved turn-around per Standard #B-002.

☒ 2.4 Access drive aisles which cross property lines shall be provided with CC&Rs, access easements, or reciprocating agreements, and shall be recorded on the titles of affected properties, and copies of same shall be provided at the time of building plan check.

☒ 2.5 "No Parking-Fire Lane" signs and /or red painted curbs with lettering are required to be installed in interior access roadways, in locations where vehicle parking would obstruct the minimum clear width requirement. Installation shall be per Standard #B-001.

☒ 2.6 Security gates or other barriers on fire access roadways shall be provided with a Knox brand key switch or padlock to allow Fire Department access. See Standards #B-003, B-004 and H-001.

☒ 2.7 Any time PRIOR to on-site combustible construction and/or storage, a minimum twenty-four (24) ft. wide circulating all weather access roads shall be provided to within 150 ft. of all portions of the exterior walls of the first story of any building, unless specifically approved by fire department and other emergency services.

3.0 WATER SUPPLY

☒ 3.1 The required fire flow per Fire Department standards, based on the 2019 California Fire Code, Appendix B, is 3250 gallons per minute (g.p.m.) for 4 hours at a minimum of 20 pounds per square inch (p.s.i.) residual operating pressure.

☒ 3.2 Off-site (public) fire hydrants are required to be installed on all frontage streets, at a minimum spacing of three hundred foot (300') apart, per Engineering Department specifications.

☒ 3.4 The water supply, including water mains and fire hydrants, shall be tested and approved by the Engineering Department and Fire Department prior to combustible construction to assure availability and reliability for firefighting purposes.

4.0 FIRE PROTECTION SYSTEMS

☒ 4.2 Underground fire mains which cross property lines shall be provided with CC & R, easements, or reciprocating agreements, and shall be recorded on the titles of affected properties, and copies of same shall be provided at the time of fire department plan check. The shared use of private fire mains or fire pumps is allowable only between immediately adjacent properties and shall not cross any public street.

☒ 4.3 An automatic fire sprinkler system is required. The system design shall be in accordance with National Fire Protection Association (NFPA) Standard 13. All new fire sprinkler systems, except those in single family dwellings, which contain twenty (20) sprinkler heads or more shall be monitored by an approved listed supervising station. An application along with detailed plans shall be submitted, and a construction permit shall be issued by the Fire Department, prior to any work being done.

☒ 4.4 Wood frame buildings that are to be sprinkled shall have these systems in service (but not necessarily finaled) before the building is enclosed.

☒ 4.5 Fire Department Connections (FDC) shall be located on the address side of the building within one hundred fifty feet (150') of a public fire hydrant on the same side of the street. Provide identification for all fire sprinkler control valves and fire department connections per Standard #D-007. Raised curbs adjacent to Fire Department connection(s) shall be painted red, five feet either side, per City standards.

☒ 4.6 A fire alarm system is required. The system design shall be in accordance with National Fire Protection Association (NFPA) Standard 72. An application along with detailed plans shall be submitted, and a construction permit shall be issued by the Fire Department, prior to any work being done.

☒ 4.7 Portable fire extinguishers are required to be installed prior to occupancy per Standard #C-001. Please contact the Fire Prevention Bureau to determine the exact number, type and placement required.

5.0 BUILDING CONSTRUCTION FEATURES

☒ 5.1 The developer/general contractor is to be responsible for reasonable periodic cleanup of the development during construction to avoid hazardous accumulations of combustible trash and debris both on and off the site.

☒ 5.2 Approved numbers or addresses shall be placed on all new and existing buildings in such a position as to be plainly visible and legible from the street or road fronting the property. Multi-tenant or building projects shall have addresses and/or suite numbers provided on the rear of the building. Address numbers shall contrast with their background. See Section 9-1 6.06 of the Ontario Municipal Code and Standards #H-003 and #H-002.

☒ 5.3 Single station smoke alarms and carbon monoxide alarms are required to be installed per the California Building Code and the California Fire Code.

☒ 5.5 All residential chimneys shall be equipped with an approved spark arrester meeting the requirements of the California Building Code.

☒ 5.6 Knox ® brand key-box(es) shall be installed in location(s) acceptable to the Fire Department. All Knox boxes shall be monitored for tamper by the building fire alarm system. See Standard #H-001 for specific requirements.

☒ 5.7 Placards shall be installed in acceptable locations on buildings that store, use or handle hazardous materials in excess of the quantities specified in the CFC. Placards shall meet the requirements of National Fire Protection Association (NFPA) Standard 704.

CITY OF ONTARIO
MEMORANDUM

TO: **Diane Ayala, Senior Planner**

FROM: **Heather Lugo, MA, Police Department**

DATE: **July 20, 2023**

SUBJECT: **PDEV23-017 - A Development Plan approval to construct 66 multiple-family dwellings on approximately 1.19 acres of land located at 218 East D Street, within the Downtown Mixed Use zoning district (APN(s): 1048-556-01, 1048-556-02, 1048-556-03, 1048-556-04, 1048-556-05, 1048-556-14). Related File: PUD23-002**

The "Standard Conditions of Approval" contained in Resolution No. 2017-027 apply. The applicant shall read and be thoroughly familiar with these conditions, including, but not limited to, the requirements below.

- Required lighting for all walkways, driveways, doorways, parking lots, hallways and other areas used by the public shall be provided. Lights shall operate via photosensor. Photometrics shall be provided to the Police Department and include the types of fixtures proposed and demonstrate that such fixtures meet the vandal-resistant requirement. Planned landscaping shall not obstruct lighting.
- Rooftop addresses shall be installed on the buildings as stated in the Standard Conditions. The numbers shall be at a minimum 6 feet tall and 2 foot wide, in reflective white paint on a flat black background, and oriented with the bottom of the numbers towards the addressed street. Associated letters shall also be included.
- The Applicant shall comply with construction site security requirements as stated in the Standard Conditions.
- The Applicant shall install a video surveillance system on the site. Cameras shall cover at a minimum all entry doors, all cash registers, and at least one camera shall capture any vehicle utilizing the drive-thru. Cameras shall be positioned to maximize the coverage of patrons and vehicles in these areas. Cameras shall record at least 15 frames per second and at a minimum of 640x480 lines of resolution. Recordings shall be stored for a minimum of 30 days and made available upon request to any member of the Ontario Police Department.
- All exterior electrical outlets shall be secured and locked.
- All exterior water spigots / water supply sources shall be secured and locked.

The Applicant is invited to contact Heather Lugo at (909) 408-1074 with any questions or concerns regarding these conditions.

ENGINEERING DEPARTMENT
CONDITIONS OF APPROVAL

(Land Development Division, Environmental Section, Traffic & Transportation Division, Ontario Municipal Utilities Company and Broadband Operations & Investment and Revenue Resources Department Conditions incorporated)

☒ **DEVELOPMENT PLAN** ☐ OTHER	☐ PARCEL MAP ☐ TRACT MAP ☐ FOR CONDOMINIUM PURPOSES
PROJECT FILE NO. PDEV23-017 **RELATED FILE NO(S). PUD-23-002**	
☒ **ORIGINAL** ☐ REVISED: __/__/__	

CITY PROJECT ENGINEER & PHONE NO: Brenda Fregoso (909) 395-2140

CITY PROJECT PLANNER & PHONE NO: Diane Ayala (909) 395-2428

DAB MEETING DATE: February 21, 2024

PROJECT NAME / DESCRIPTION: **A Development Plan to construct 69 multiple-family dwellings on approximately 1.19 acres of land, within the Downtown Mixed Use zoning district.**

LOCATION: **218 East D Street**

APPLICANT: **Euclid Investment Group, LLC**

REVIEWED BY:

Raymond Lee 2/7/24.

Raymond Lee, P.E.
Assistant City Engineer — **Date**

APPROVED BY:

2-8-24

Khoi Do, P.E.
City Engineer — **Date**

Last Revised: 2/7/2024

THIS PROJECT SHALL COMPLY WITH THE REQUIREMENTS SET FORTH IN THE GENERAL STANDARD CONDITIONS OF APPROVAL ADOPTED BY THE CITY COUNCIL (RESOLUTION NO. 2017-027) AND THE PROJECT SPECIFIC CONDITIONS OF APPROVAL SPECIFIED HEREIN. ONLY APPLICABLE CONDITIONS OF APPROVAL ARE CHECKED. THE APPLICANT SHALL BE RESPONSIBLE FOR THE COMPLETION OF ALL APPLICABLE CONDITIONS OF APPROVAL PRIOR TO FINAL MAP OR PARCEL MAP APPROVAL, ISSUANCE OF PERMITS AND/OR OCCUPANCY CLEARANCE, AS SPECIFIED IN THIS REPORT.

1. PRIOR TO FINAL MAP OR PARCEL MAP APPROVAL, APPLICANT SHALL:

			Check When Complete
☐	1.01	Dedicate to the City of Ontario, the right-of-way, described below: _____ feet on _____ Property line corner 'cut-back' required at the intersection of _____ and_____.	☐
☐	1.02	Dedicate to the City of Ontario, the following easement(s): _____ _____	☐
☐	1.03	Restrict vehicular access to the site as follows: _____	☐
☐	1.04	Vacate the following street(s) and/or easement(s): A. All interfering on-site easements shall be quitclaimed, vacated, and/or submit non-interference letter from affected owner/utility company.	☐
☐	1.05	Submit a copy of a recorded private reciprocal use agreement or easement. The agreement or easement shall ensure, at a minimum, common ingress and egress and joint maintenance of all common access areas and drive aisles.	☐
☐	1.06	Provide (original document) Covenants, Conditions and Restrictions (CC&Rs) as applicable to the project and as approved by the City Attorney and the Engineering and Planning Departments, ready for recordation with the County of San Bernardino. The CC&Rs shall provide for, but not be limited to, common ingress and egress, joint maintenance responsibility for all common access improvements, common facilities, parking areas, utilities, median and landscaping improvements and drive approaches, in addition to maintenance requirements established in the Water Quality Management Plan (WQMP), as applicable to the project. The CC&Rs shall also address the maintenance and repair responsibility for public improvements/utilities (sewer, water, storm drain, recycled water, etc.) located within open space/easements. In the event of any maintenance or repair of these facilities, the City shall only restore disturbed areas to current City Standards.	☐
☐	1.07	For all development occurring south of the Pomona Freeway (60-Freeway) and within the specified boundary limits (per Boundary Map found at *http://tceplumecleanup.com/*), the property developer/owner is made aware of the South Archibald Trichloroethylene (TCE) Plume "Disclosure Letter". Property owner may wish to provide this Letter as part of the Real Estate Transfer Disclosure requirements under California Civil Code Section 1102 et seq. This may include notifications in the Covenants, Conditions and Restrictions (CC&Rs) or other documents related to property transfer and disclosures. Additional information on the plume is available from the Santa Ana Regional Water Quality Control Board at *http://geotracker.waterboards.ca.gov/profile_report?global_id=T10000004658*.	☐
☐	1.08	File an application for Reapportionment of Assessment, together with payment of a reapportionment processing fee, for each existing assessment district listed below. Contact the Financial Services Department at (909) 395-2124 regarding this requirement. (1) _____ (2) _____	☐
☐	1.09	Prepare a fully executed Subdivision Agreement (on City approved format and forms) with accompanying security as required, or complete all public improvements.	☐

☐ 1.10 Provide a monument bond (i.e. cash deposit) in an amount calculated by the City's approved cost estimate spreadsheet (available for download on the City's website: www.ontarioca.gov) or as specified in writing by the applicant's Registered Engineer or Licensed Land Surveyor of Record and approved by the City Engineer, whichever is greater. ☐

☐ 1.11 Provide a preliminary title report current to within 30 days. ☐

☐ 1.12 File an application, together with an initial deposit (if required), to establish a Community Facilities District (CFD) pursuant to the Mello-Roos Community Facilities District Act of 1982. The application and fee shall be submitted a minimum of four (4) months prior to final subdivision map approval, and the CFD shall be established prior to final subdivision map approval or issuance of building permits, whichever occurs first. The CFD shall be established upon the subject property to provide funding for various City services. An annual special tax shall be levied upon each parcel or lot in an amount to be determined. The special tax will be collected along with annual property taxes. The City shall be the sole lead agency in the formation of any CFD. Contact Investment and Revenue Resources at (909) 395-2341 to initiate the CFD application process. ☐

☐ 1.13 Ontario Ranch Developments: ☐

☐ 1) Provide evidence of final cancellation of Williamson Act contracts associated with this tract, prior to approval of any final subdivision map. Cancellation of contracts shall have been approved by the City Council.

☐ 2) Provide evidence of sufficient storm water capacity availability equivalents (Certificate of Storm Water Treatment Equivalents).

☐ 3) Provide evidence of sufficient water availability equivalents (Certificate of Net MDD Availability).

☐ 1.14 Other conditions: _____ ☐

2. PRIOR TO ISSUANCE OF ANY PERMITS, APPLICANT SHALL:

A. GENERAL
(Permits includes Grading, Building, Demolition and Encroachment)

☐ 2.01 Record Parcel Map/Tract Map No. _____ pursuant to the Subdivision Map Act and in accordance with the City of Ontario Municipal Code. ☐

☐ 2.02 Submit a PDF of the recorded map to the City Engineer's office. ☐

☐ 2.03 Note that the subject parcel is a recognized parcel in the City of Ontario per _____. ☐

☒ **2.04 Note that the subject parcel is an 'unrecognized' parcel in the City of Ontario and shall require a Certificate of Compliance to be processed unless a deed is provided confirming the existence of the parcel prior to the date of March 4, 1972.** ☐

☒ **2.05 Apply for a:** ☐

☐ Certificate of Compliance with a Record of Survey;

☒ **Lot Line Adjustment (Record a Conforming Deed with the County of San Bernardino within six months of the recordation of the Lot Line Adjustment to conform the new LLA legal description. Submit a copy of the recorded Conforming Deed to the Engineering Department.);**

☐ Make a Dedication of Easement.

☐ 2.06 Provide (original document) Covenants, Conditions and Restrictions (CC&R's), as applicable to the project, and as approved by the City Attorney and the Engineering and Planning Departments, ready for recordation with the County of San Bernardino. The CC&R's shall provide for, but not be limited to, common ingress and egress, joint maintenance of all common access improvements, common facilities, parking areas, utilities and drive approaches in addition to maintenance requirements established in the Water Quality Management Plan (WQMP), as applicable to the project. ☐

☐ 2.07 For all development occurring south of the Pomona Freeway (60-Freeway) and within the specified boundary limits (per Boundary Map found at *http://tceplumecleanup.com/*), the property developer/owner is made aware of the South Archibald Trichloroethylene (TCE) Plume "Disclosure Letter". Property owner may wish to provide this Letter as part of the Real Estate Transfer Disclosure requirements under California Civil Code Section 1102 et seq. This may include notifications in the Covenants, Conditions and Restrictions (CC&Rs) or other documents related to property transfer and disclosures. Additional information on the plume is available from the Santa Ana Regional Water Quality Control Board at *http://geotracker.waterboards.ca.gov/profile_report?global_id=T10000004658*. ☐

☒ **2.08 Submit a soils/geology report.** ☐

☒ **2.09 Other Agency Permit/Approval: Submit a copy of the approved permit and/or other form of approval of the project from the following agency or agencies**: ☐

- ☐ State of California Department of Transportation (Caltrans)
- ☐ San Bernardino County Road Department (SBCRD)
- ☐ San Bernardino County Flood Control District (SBCFCD)
- ☐ Federal Emergency Management Agency (FEMA)
- ☐ Cucamonga Valley Water District (CVWD) for sewer/water service
- ☐ United States Army Corps of Engineers (USACE)
- ☐ California Department of Fish & Game
- ☐ Inland Empire Utilities Agency (IEUA)
- ☒ **Other: Southern California Edison easement vacation**

☒ **2.10 Dedicate to the City of Ontario the right-of-way described below:** ☐

Property line corner 'cut-back' required at the following intersections:

a) Southwest corner of Plum Ave and D St
b) Southeast corner of Lemon Ave and Southerly Alley (West-East)
c) Southeast corner of Lemon Ave and D st

☐ 2.11 Dedicate to the City of Ontario the following easement(s):_____ ☐

_____

☒ **2.12 Vacate the following street(s) and/or easement(s):** ☐

A. All interfering on-site easements shall be quitclaimed, vacated, and/or submit non-interference letter from affected owner/utility company.
B. Vacate 10 feet of public right-of-way on Lemon Ave resulting in 23 feet from centerline to proposed right-of-way.

☐ 2.13 Ontario Ranch Developments: ☐

☐ 1) Submit a copy of the permit from the San Bernardino County Health Department to the Engineering Department and the Ontario Municipal Utilities Company (OMUC) for the destruction/abandonment of the on-site water well. The well shall be destroyed/abandoned in accordance with the San Bernardino County Health Department guidelines.

☐ 2) Make a formal request to the City of Ontario Engineering Department for the proposed temporary use of an existing agricultural water well for purposes other than agriculture, such as grading, dust control, etc. Upon approval, the Applicant shall enter into an agreement with the City of Ontario and pay

any applicable fees as set forth by said agreement.

☐ 3) Design proposed retaining walls to retain up to a maximum of three (3) feet of earth. In no case shall a wall exceed an overall height of nine (9) feet (i.e. maximum 6-foot high wall on top of a maximum 3-foot high retaining wall.

☒ **2.14** **Submit a security deposit to the Engineering Department to guarantee construction of the public improvements required herein valued at 100% of the approved construction cost estimate. Security deposit shall be in accordance with the City of Ontario Municipal Code. Security deposit will be eligible for release, in accordance with City procedure, upon completion and acceptance of said public improvements.** ☐

☒ **2.15** **The applicant/developer shall submit all necessary survey documents prepared by a Licensed Surveyor registered in the State of California detailing all existing survey monuments in and around the project site. These documents are to be reviewed and approved by the City Survey Office.** ☐

☒ **2.16** **Pay all Development Impact Fees (DIF) to the Building Department. Storm Drain Development Impact Fee shall be paid to the Building Department. Final fee shall be determined based on the approved site plan and the DIF rate at the time of payment.** ☐

☒ **2.17** **Other conditions:** ☐

a) The applicant/developer shall relocate the existing trash enclosure servicing the library. Final location will be coordinated and approved by the City of Ontario and library.
b) The applicant/developer shall relocate the existing vehicle charging station parking stalls. Final location will be coordinated and approved by the City of Ontario and library.
c) This project shall comply with all conditions and requirements of the related Planned Unit Development plan, PUD-23-002.
d) The applicant/developer shall submit a precise grading plan, including a final utility system map that shows all existing and proposed utilities (Domestic Water, Recycled Water, Sewer, Storm Drain, and other utilities) including each of the City's public utilities points of connection to the existing systems.

B. PUBLIC IMPROVEMENTS
(See attached Exhibit 'A' for plan check submittal requirements.)

☒ **2.18** **Design and construct full public improvements in accordance with the City of Ontario Municipal Code, current City standards and specifications, master plans and the adopted specific plan for the area, if any. These public improvements shall include, but not be limited to, the following (checked boxes):** ☐

Improvement	Lemon Avenue	D Street	Plum Avenue	Southerly Alley (West-East)
Curb and Gutter	☐ New; ___ ft. from C/L ☐ Replace damaged ☐ Remove and replace	☐ New; ___ ft. from C/L ☐ Replace damaged ☒ **New at existing drive approach being removed**	☐ New; ___ ft. from C/L ☐ Replace damaged ☐ Remove and replace	☐ New; ___ ft. from C/L ☐ Replace damaged ☒ **New along South frontage, see note (a)**
AC Pavement	☐ Replacement ☐ Widen ____ additional feet along frontage, including pavm't transitions	☐ Replacement ☐ Widen ____ additional feet along frontage, including pavm't transitions	☐ Replacement ☐ Widen ____ additional feet along frontage, including pavm't transitions	☐ Replacement ☐ Widen ____ additional feet along frontage, including pavm't transitions
PCC Pavement (Truck Route Only)	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing
Drive Approach	☐ New ☒ **Remove and replace, see note (f)**	☐ New ☐ Remove and replace	☐ New ☒ **Remove and replace, see note (f)**	☒ **New, see note (b)** ☐ Remove and replace
Sidewalk	☐ New ☒ **Remove and replace broken panels**	☐ New ☒ **Remove and replace broken panels**	☐ New ☒ **Remove and replace all sidewalk, see note (e)**	☐ New ☐ Remove and replace
ADA Access Ramp	☐ New ☒ **Remove and replace, see note (c)**	☐ New ☒ **Remove and replace, see note (d)**	☐ New ☐ Remove and replace	☐ New ☐ Remove and replace
Parkway	☒ **Trees** ☒ **Landscaping (w/irrigation), see note (g)**	☒ **Trees** ☒ **Landscaping (w/irrigation), see note (g)**	☒ **Trees** ☒ **Landscaping (w/irrigation) see note (g)**	☐ Trees ☒ **Landscaping (w/irrigation), see note (g)**
Raised Landscaped Median	☐ New ☐ Remove and replace	☐ New ☐ Remove and replace	☐ New ☐ Remove and replace	☐ New ☐ Remove and replace

Fire Hydrant	☐ New / Upgrade ☒ **Relocation/ Upgrade**	☐ New / Upgrade ☒ **Relocation/ Upgrade**	☐ New / Upgrade ☒ **Relocation/ Upgrade**	☐ New / Upgrade ☐ Relocation
Sewer (see Sec. 2.C)	☐ Main ☒ **Lateral**	☐ Main ☐ Lateral	☐ Main ☐ Lateral	☐ Main ☐ Lateral
Water (see Sec. 2.D)	☐ Main ☐ Service	☐ Main ☒ **Service**	☐ Main ☐ Service	☐ Main ☐ Service
Recycled Water (see Sec. 2.E)	☐ Main ☐ Service	☐ Main ☐ Service	☐ Main ☐ Service	☐ Main ☐ Service
Traffic Signal System (see Sec. 2.F)	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing
Traffic Signing and Striping (see Sec. 2.F)	☒ **New** ☐ Modify existing	☒ **New** ☐ Modify existing	☒ **New** ☐ Modify existing	☒ **New** ☐ Modify existing
Street Light (see Sec. 2.F)	☒ **New / Upgrade** ☐ Relocation	☒ **New / Upgrade** ☐ Relocation	☒ **New / Upgrade** ☐ Relocation	☐ New / Upgrade ☐ Relocation
Bus Stop Pad or Turn-out (see Sec. 2.F)	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing	☐ New ☐ Modify existing
Storm Drain (see Sec. 2G)	☐ Main ☐ Lateral	☐ Main ☐ Lateral	☐ Main ☐ Lateral	☐ Main ☒ **Lateral, see note (h)**
Fiber Optics (see Sec. 2K)	☒ **Conduit / Appurtenances**	☒ **Conduit / Appurtenances**	☐ Conduit / Appurtenances	☐ Conduit / Appurtenances
Overhead Utilities	☐ Underground ☐ Relocate	☐ Underground ☐ Relocate	☐ Underground ☐ Relocate	☐ Underground ☐ Relocate
Removal of Improvements	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____
Other Improvements	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____

Specific notes for improvements listed in item no. 2.18, above:

a) The applicant/developer shall remove existing planter curb and replace with 8" curb (no gutter) along North side of the alley.
b) The applicant/developer shall construct two drive approaches along alley frontage to proposed garage entrance along North side of alley.
c) The applicant/developer shall remove two existing substandard access ramps and replace per current City standard at the Northeast corner and Southeast corner of the alley and Lemon Avenue intersection.
d) The applicant/developer shall remove existing substandard access ramp and replace per current City standard at the Southwest corner of D Street and Plum Avenue intersection.
e) On Plum Ave, the applicant/developer shall remove and replace all existing sidewalk.
f) The applicant/developer shall remove and replace drive approaches in alley located at both West and East entrances.
g) The applicant/developer shall install/remove trees and landscaping improvements per Landscape Planning Division's conditions of approval.
h) The applicant/developer shall re-construct storm drain lateral in the alley and connect to 24" storm drain main on Plum Avenue.

☒ **2.19 Construct a 2" asphalt concrete (AC) grind and overlay on the following street(s):** ☐
a) D street, along project frontage from the centerline to edge of gutter and up to the Lemon Avenue centerline.
b) Plum Avenue, along project frontage from the centerline to edge of gutter and up to the D Street centerline.

☐ 2.20 Reconstruction of the full pavement structural section, per City of Ontario Standard Drawing number 1011, may be required based on the existing pavement condition and final street design. Minimum limits of reconstruction shall be along property frontage, from street centerline to curb/gutter. ☐

☐ 2.21 Make arrangements with the Cucamonga Valley Water District (CVWD) to provide ☐ water service ☐ sewer service to the site. This property is within the area served by the CVWD and Applicant shall provide documentation to the City verifying that all required CVWD fees have been paid. ☐

☐ 2.22 Overhead utilities shall be under-grounded, in accordance with Title 7 of the City's Municipal Code (Ordinance No. 2804 and 2892). Developer may pay in-lieu fee, approximately _____, for undergrounding of utilities in accordance with Section 7-7.302.e of the City's Municipal Code. ☐

☒ **2.23 Other conditions:** ☐
a) The applicant/developer shall construct a concrete ramp for trash staging on Plum Ave frontage.

C. SEWER

☒ **2.24 An 8 inch sewer main is available for connection by this project in Lemon Ave (Ref: Sewer Drawing Number: S13871)** ☐

☐ 2.25 Design and construct a sewer main extension. A sewer main is not available for direct connection. The closest main is approximately _____ feet away. ☐

☐ 2.26 Submit documentation that shows expected peak loading values for modeling the impact of the subject project to the existing sewer system. The project site is within a deficient public sewer system area. Applicant shall be responsible for all costs associated with the preparation of the model. Based on the results of the analysis, Applicant may be required to mitigate the project impact to the deficient public sewer system, including, but not limited to, upgrading of existing sewer main(s), construction of new sewer main(s) or diversion of sewer discharge to another sewer. ☐

☒ **2.27 Other conditions:** ☐
a) See attached OMUC Utilities Engineering Division Conditions of Approval for additional conditions.

D. WATER

☒ **2.28** **An 8 inch water main is available for connection by this project in Lemon Avenue, D Street, and Plum Avenue**
(Ref: Water Drawing Number: W11438, W11313) ☐

☐ 2.29 Design and construct a water main extension. A water main is not available for direct connection. The closest main is approximately _____ feet away. ☐

☒ **2.30** **Other conditions:** ☐
a) See attached OMUC Utilities Engineering Division Conditions of Approval for additional conditions.

E. RECYCLED WATER

☐ 2.31 A _____inch recycled water main is available for connection by this project in _____.
(Ref: Recycled Water Drawing Number:_____) ☐

☐ 2.32 Design and construct an on-site recycled water system for this project. A recycled water main does exist in the vicinity of this project. ☐

☐ 2.33 Design and construct an on-site recycled water ready system for this project. A recycled water main does not currently exist in the vicinity of this project but is planned for the near future. If Applicant would like to connect to this recycled water main when it becomes available, the cost for the connection shall be borne solely by the Applicant. ☐

☐ 2.34 Submit one (1) electronic copy, in PDF format, of the Engineering Report (ER), for the use of recycled water to OMUC's Water Quality Programs at OMUCWQPlanCheck@ontarioca.gov for review and subsequent submittal to the California State Water Board (Division of Drinking Water) for final approval. ☐

Note: Review and approval process may take up to three (3) months. Contact the OMUC's Water Quality Programs at (909) 395-2678 or email OMUCWQPlanCheck@ontarioca.gov regarding this requirement.

☐ 2.35 Submit one (1) electronic copy, in PDF format, of the Landscape Plans (on-site & off-site) to OMUC's Water Quality Programs at OMUCWQPlanCheck@ontarioca.gov for review and approval.

☐ 2.36 Other conditions: ☐
_____

F. TRAFFIC / TRANSPORTATION

☐ 2.37 Submit a focused traffic impact study, prepared and signed by a Traffic/Civil Engineer registered in the State of California. The study shall address, but not be limited to, the following issues as required by the City Engineer: ☐
1. On-site and off-site circulation
2. Traffic level of service (LOS) at 'build-out' and future years
3. Impact at specific intersections as selected by the City Engineer

☐ 2.38 New traffic signal installations shall be added to Southern California Edison (SCE) customer account number # 2-20-044-3877. ☐

☐ **2.39** **Other conditions:** ☐
a) The Applicant/Developer shall modify existing striping on D Street to install left turn lanes at the following intersections:
D Street at Plum Avenue: (1) eastbound and (1) westbound left turn lane
D Street at Lemon Avenue: (1) eastbound and (1) westbound left turn lane
b) The Applicant/Developer shall be responsible to install angled parking stalls along the eastside of Plum Avenue south of D Street. Additional signage and striping will be installed on Plum Avenue/existing Alley to restrict access to one-way (inbound only) from D Street.

c) **Where a driveway closure is being proposed, the Applicant/Developer shall backfill the existing driveway curb-cuts with full-height curb and gutter, sidewalk, and landscaped parkway in accordance with all City standards and to the satisfaction of the City Engineer.**
d) **The Applicant/Developer shall be responsible to remove all existing street light fixtures along project frontages on D Street, Lemon Avenue, and Plum Avenue and install King Street light standard per City of Ontario Standard Drawing No. 5103. Street lighting shall be LED-type and in accordance with City's Traffic and Transportation Design Guidelines. The Applicant/Developer shall also install smart nodes on all new street light fixtures along project frontages.**
e) **The westside of Plum Avenue shall be signed "No Stopping Anytime" along the property frontage.**
f) **The Applicant/Developer shall be responsible to install marked parking stalls along the project frontage streets of Lemon Avenue (eastside), and D Street (southside) per CAMUTCD requirements.**
g) **All landscaping, block walls, and other obstructions shall be compatible with the stopping sight distance requirements per City of Ontario Standard Drawing No. 1309.**
h) **The Applicant/Developer's engineer-of-record shall meet with City Engineering staff prior to designing and submitting for plan check the street light and signing/striping design plans to define limits of improvements.**

G. DRAINAGE / HYDROLOGY

☒ **2.40** **A 24 inch storm drain main is available to accept flows from this project in Plum Avenue. (Ref: Storm Drain Drawing Number: D10572)**

A 21 inch storm drain main is available to accept flows from this project in Lemon Avenue. (Ref: Storm Drain Drawing Number: D10570) ☐

☒ **2.41** **Submit a hydrology study and drainage analysis, prepared and signed by a Civil Engineer registered in the State of California. The study shall be prepared in accordance with the San Bernardino County Hydrology Manual and City of Ontario standards and guidelines. Additional drainage facilities, including, but not limited to, improvements beyond the project frontage, may be required to be designed and constructed, by Applicant, as a result of the findings of this study.** ☐

☐ 2.42 An adequate drainage facility to accept additional runoff from the site does not currently exist downstream of the project. Design and construct a storm water detention facility on the project site. 100-year post-development peak flow shall be attenuated such that it does not exceed 80% of pre-development peak flows, in accordance with the approved hydrology study and improvement plans. ☐

☐ 2.43 Submit a copy of a recorded private drainage easement or drainage acceptance agreement to the Engineering Department for the acceptance of any increase to volume and/or concentration of historical drainage flows onto adjacent property, prior to approval of the grading plan for the project. ☐

☐ 2.44 Comply with the City of Ontario Flood Damage Prevention Ordinance (Ordinance No. 2409). The project site or a portion of the project site is within the Special Flood Hazard Area (SFHA) as indicated on the Flood Insurance Rate Map (FIRM) and is subject to flooding during a 100-year frequency storm. The site plan shall be subject to the provisions of the National Flood Insurance Program. ☐

☐ 2.45 Other conditions: _____ ☐

H. STORM WATER QUALITY / NATIONAL POLLUTANT DISCHARGE AND ELIMINATION SYSTEM (NPDES)

☐ 2.46 401 Water Quality Certification/404 Permit – Submit a copy of any applicable 401 Certification or 404 Permit for the subject project to the City project engineer. Development that will affect any body of surface water (i.e. lake, creek, open drainage channel, etc.) may require a 401 Water Quality Certification from the California Regional Water Quality Control Board, Santa Ana Region (RWQCB) and a 404 Permit from the United States Army Corps of Engineers (USACE). The groups of water bodies classified in these requirements are perennial (flow year round) and ephemeral (flow during rain conditions, only) and include, but are not limited to, direct connections into San Bernardino County Flood Control District (SBCFCD) channels. If a 401 Certification and/or a 404 Permit are not required, a letter confirming this from Applicant's engineer shall be submitted. Contact information: USACE (Los Angeles District) (213) 452-3414; RWQCB (951) 782-4130. ☐

☒ **2.47 Submit a Water Quality Management Plan (WQMP). This plan shall be approved by the Engineering Department prior to approval of any grading plan. The WQMP shall be submitted, utilizing the current San Bernardino County Stormwater Program template, available at: http://www.sbcounty.gov/dpw/land/npdes.asp.** ☐

☐ 2.48 Design and construct a Connector Pipe Trash Screen or equivalent Trash Treatment Control Device, per catch basin located within or accepting flows tributary of a Priority Land Use (PLU) area that meets the Full Capture System definition and specifications, and is on the Certified List of the State Water Resources Control Board. The device shall be adequately sized per catch basin and include a deflector screen with vector control access for abatement application, vertical support bars, and removable component to facilitate maintenance and cleaning. ☐

☒ **2.49 Other conditions:** ☐

a) All Priority Land Use (PLU): Land use consisting of high-density residential, defined as a land use with at least ten (10) dwelling units per acre, industrial, commercial, mixed urban, and public transportation station land uses within the project area shall comply with the statewide Trash Provisions adopted by the State Water Resources Control Board (SWRCB) and trash requirements in the most current San Bernardino County Area-Wide MS4 Permit. Certified Trash Treatment/Pretreatment Devices shall be included in the BMP Design and Construction.

b) Activities resulting in one acre or more land disturbance are required to obtain coverage under the Construction General Permit (CGP). The owner is the legally responsible person (LRP) of the site and shall have a Stormwater Pollution Prevention Plan (SWPPP) developed and submitted through the SMARTS website at https://smarts.waterboards.ca.gov/smarts/faces/SwSmartsLogin.xhtml.

J. SPECIAL DISTRICTS

☐ 2.50 File an application, together with an initial deposit (if required), to establish a Community Facilities District (CFD) pursuant to the Mello-Roos Community Facilities District Act of 1982. The application and fee shall be submitted a minimum of four (4) months prior to final subdivision map approval, and the CFD shall be established prior to final subdivision map approval or issuance of building permits, whichever occurs first. The CFD shall be established upon the subject property to provide funding for various City services. An annual special tax shall be levied upon each parcel or lot in an amount to be determined. The special tax will be collected along with annual property taxes. The City shall be the sole lead agency in the formation of any CFD. Contact Investment and Revenue Resources at (909) 395-2341 to initiate the CFD application process. ☐

☐ 2.51 Other conditions: _____ ☐

K. FIBER OPTIC

☐ 2.52 A _____ fiber optic line is available for connection by this project in _____. (Ref: Fiber Optic Drawing Number: _____) ☐

☒ **2.53 Design and construct fiber optic system to provide access to the City's conduit and fiber optic system per the City's Fiber Optic Master Plan. Building entrance conduits shall start from the closest OntarioNet hand hole constructed along the project frontage in the ROW and shall terminate in the main telecommunications room for each building. Conduit infrastructure shall interconnect with the primary and/or secondary backbone fiber optic conduit system at the nearest OntarioNet hand hole. Generally located at the Northeast corner Lemon Avenue and D** ☐

Street.
See attached Broadband Operations Section Conditions of Approval for additional conditions.

☒ **2.54** **Refer to the City's Fiber Optic Master Plan for design and layout guidelines. Contact the Broadband Operations Department at (909) 395-2000, regarding this requirement.** ☐

3. PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY, APPLICANT SHALL:

☒ **3.01** **Set new monuments in place of any monuments that have been damaged or destroyed as a result of construction of the subject project. Monuments shall be set in accordance with City of Ontario standards and to the satisfaction of the City Engineer.** ☐

☐ 3.02 Complete all requirements for recycled water usage. ☐

☐ 1) Procure from OMUC a copy of the letter of confirmation from the California State Water Board (Division of Drinking Water) that the Engineering Report (ER) has been reviewed and the subject site is approved for the use of recycled water.

☐ 2) Obtain clearance from the OMUC confirming completion of recycled water improvements and passing of shutdown tests and cross connection inspection, upon availability/usage of recycled water.

☐ 3) Complete Site Supervisor training of on-site personnel in the use of recycled water, in accordance with the ER, upon availability/usage of recycled water.

☒ **3.03** **The applicant/developer shall submit all final survey documents prepared by a Licensed Surveyor registered in the State of California detailing all survey monuments that have been preserved, revised, adjusted or set along with any maps, corner records or Records of Survey needed to comply with these Conditions of Approvals and the latest edition of the California Professional Land Survey Act. These documents are to be reviewed and approved by the City Survey Office**. ☐

☐ 3.04 Ontario Ranch Projects: For developments located at an intersection of any two collector or arterial streets, the applicant/developer shall set a monument if one does not already exist at that intersection. Contact the City Survey office for information on reference benchmarks, acceptable methodology and required submittals. ☐

☒ **3.05** **Confirm payment of all Development Impact Fees (DIF) to the Building Department.** ☐

☒ **3.06** **Submit electronic copies (PDF and Auto CAD format) of all approved improvement plans, studies and reports (i.e. hydrology, traffic, WQMP, etc.).** ☐

4. PRIOR TO FINAL ACCEPTANCE, APPLICANT SHALL:

☒ **4.01** **Complete all Conditions of Approval listed under Sections 1-3 above.** ☐

☒ **4.02** **Pay all outstanding fees pursuant to the City of Ontario Municipal Code, including but not limited to, plan check fees, inspection fees and Development Impact Fees.** ☐

☒ **4.03** **The applicant/developer shall submit a written request for the City's final acceptance of the project addressed to the City Project Engineer. The request shall include a completed Acceptance and Bond Release Checklist, state that all Conditions of Approval have been completed and shall be signed by the applicant/developer. Upon receipt of the request, review of the request shall be a minimum of 10 business days. Conditions of Approval that are deemed incomplete by the City will cause delays in the acceptance process.** ☐

☒ **4.04** **Submit record drawings (PDF) for all public improvements identified within Section 2 of these Conditions of Approval.** ☐

EXHIBIT 'A'

ENGINEERING DEPARTMENT
First Plan Check Submittal Checklist

Project Number: PDEV23-017

All plan check submittals are to be done digitally through the City Of Ontario Citizen Portal Access. The following items are to be included with the first plan check submittal:

1. ☒ **A copy of this check list**
2. ☒ **Payment of fee for Plan Checking**
3. ☒ **Engineering Cost Estimate (on City form) with engineer's wet signature and stamp.**
4. ☒ **Project Conditions of Approval**
5. ☐ Potable and Recycled Water demand calculations (include water demand calculations showing low, average and peak water demand in GPM for the proposed development and proposed water meter size).
6. ☐ Public Street improvement plan with street cross-sections
7. ☐ Public Water improvement plan (include water demand calculations showing low, average and peak water demand in GPM for the proposed development and proposed water meter size)
8. ☐ Recycled Water improvement plan (include recycled water demand calculations showing low, average and peak water demand in GPM for the proposed development and proposed water meter size and an exhibit showing the limits of areas being irrigated by each recycled water meter)
9. ☐ Public Sewer improvement plan
10. ☐ Public Storm Drain improvement plan
11. ☒ **Public Street Light improvement plan**
12. ☒ **Signing and Striping improvement plan**
13. ☒ **Fiber Optic plan (include Auto CAD electronic submittal)**
14. ☐ HOA Landscape improvement plans. Show corner sight line distance per engineering standard drawing 1309.
15. ☐ CFD Landscape improvement plans. Show corner sight line distance per engineering standard drawing 1309.
16. ☒ **Dry Utility plans within public right-of-way (at a minimum the plans must show existing and ultimate right-of-way, curb and gutter, proposed utility location including centerline dimensions, wall to wall clearances between proposed utility and adjacent public line, street work repaired per Standard Drawing No. 1306. Include Auto CAD electronic submittal)**
17. ☐ Traffic Signal improvement plan and One (1) copy of Traffic Signal Specifications with modified Special Provisions. Please contact the Traffic Division at (909) 395-2154 to obtain Traffic Signal Specifications.
18. ☒ **Water Quality Management Plan (WQMP), including one (1) copy of the approved Preliminary WQMP (PWQMP).**
19. ☒ **Hydrology/Drainage study**
20. ☒ **Soils/Geology report**

21. ☐ Payment for Final Map/Parcel Map processing fee

22. ☐ Final Map/Parcel Map

23. ☐ Approved Tentative Map

24. ☒ **Preliminary Title Report (current within 30 days)**

25. ☐ Traverse Closure Calculations

26. ☒ **Set of supporting documents and maps (legible copies): referenced improvement plans (full size), referenced record final maps/parcel maps (full size, 18”x26”), Assessor’s Parcel map (full size, 11”x17”), recorded documents such as deeds, lot line adjustments, easements, etc.**

27. ☐ Engineering Report and an electronic file (include PDF format electronic submittal) for recycled water use.

28. ☒ **Other: Precise Grading Plan including Utility Plan**

CITY OF ONTARIO
MEMORANDUM

ONTARIO MUNICIPAL UTILITIES COMPANY

DATE: January 24, 2024
TO: Brenda Fregoso, Engineering Department
CC: Diane Ayala, Planning Department
FROM: Eric Woosley, Utilities Engineering (QC: CS)

SUBJECT: DPR #3 - Utilties Engineering Condtions of Approval R2 (**#9819 & #9820**)
PROJECT NO.: PDEV23-017/PUD23-002

BRIEF DESCRIPTION

A Planned Unit Development to establish the development standards and design guidelines, and a Development Plan to construct 69 multiple-family dwellings on approximately 1.19 acres of land located at 218 East D Street, within the Downtown Mixed Use zoning district. (APNs: 1048-556-01, 02, 03, 04, 05, & 1048-556-14)

UTILITIES ENGINEERING CONDITIONS OF APPROVAL

CONDITIONS OF APPROVAL: *The Ontario Municipal Utilities Company (OMUC) recommends this application for approval subject to the conditions outlined below and compliance with the City's Design Development Guidelines, Specifications Design Criteria, and City Standards.*

1. Standard Conditions of Approval: Project shall comply with the requirements as set forth in the Amendment to the Standard Conditions of Approval for New Development Projects adopted by the City Council (Resolution No. 2017-027) on April 18, 2017; as well as project-specific conditions/requirements as outlined below.

Prior to Issuance of Any Permits (Grading, Building, Demolition and Encroachment), unless other timeline milestones are specified by individual conditions below, the Applicant Shall:

General Conditions (Section 2.A, Other conditions): The Applicant shall comply with the following:

2. Final Utilities Systems Map (USM): Submit a Final Utilities Systems Map (USM) as part of the precise grading plan submittal that meets all the City's USM requirements. These requirements include to show and label all existing and proposed utilities (including all appurtenances such as backflow devices, DCDAs, etc.), sizes, points of connection, and any easements. The final utility design shall comply with all Division of Drinking Water (CCR §64572) Separation Requirements. See *Utility Systems Map (USM) Requirements document* for details.

    a. The proposed utilities, utility alignments, and Public Rights-of-Way (ROW)/Public Utility Easements (PUE) shown on the Conceptual Utilities Systems Map (CUSM) and other Entitlement documents are not considered final and shall be revised during Final Design to meet all City Design Guidelines, Standards, City Requirements, and all the Conditions of Approval contained in this document.

3. Note the following definitions and concepts for Public Utility Improvements and Private Utility Improvements: Public Improvements shall be designed per City Public Design Guidelines and City Standards and constructed through a City Encroachment Permit; and Private Onsite Improvements shall be designed per Building Code and Plumbing Code and constructed through a City Building Permit.

    a. Public Utility Improvements include the following: water main pipelines and sewer main pipelines; sewer laterals connecting to a Public Sewer Main up to the Cleanout (or Manhole) at PL/ROW; water services and connected appurtenances (Meters/Meter Boxes, Fire Hydrants, Airvacs, Blowoffs, etc.) connecting to a Public Water Main per City Standards; and Fire Services connecting to a Public Water Main from the Main up to the DCDA. Public Water Improvements and Public Sewer Improvements are required to be designed and constructed through Public Improvement Plans with Plan View and Profile View per City Standards, Guidelines, and Requirements.

    b. Private Utility Improvements include the following: onsite water plumbing lines after a Public Meter, or after the Fire DCDA and including the DCDA; Backflow Devices and other Cross-Connection Prevention; onsite sewer upstream of the Public Sewer Lateral, including the Cleanout (or Manhole) at PL/ROW/PUE Edge; Monitoring Manholes and other Wastewater Pretreatment Facilities. Private Onsite Utility Improvements are

required to be designed and constructed per Building and Plumbing Plans with: the Backflows, DCDAs, Cleanout (or Manhole) at PL/ROW/PUE Edge, and Monitoring Manholes being designed and constructed through a Precise Grading Plan; and, the other Pretreatment Devices (Grease Interceptor, Sand, Oil Interceptors, etc.) and the connections to the buildings and structures through a building Plumbing Plan.

Sewer Conditions (Section 2.C): The Applicant shall comply with the following:

4. Public Sewer Improvements: Design and construct the following required public sewer mains in accordance with City of Ontario Standards and Design Guidelines and Specifications:
    a. N/A
5. Sewer Laterals: Per City of Ontario Standard Drawing No. 2003:
    a. Install a sewer lateral connected to the existing 8-inch sewer main in Lemon Avenue.
6. Existing Sewer Laterals:
    a. Abandon all existing sewer lateral connections to the sewer main.

Potable Water Conditions (Section 2.D): The Applicant shall comply with the following:

7. Public Water Improvements: Design and construct the following required public water mains in accordance with City of Ontario Standards and Design Guidelines and Specifications:
    a. N/A
8. Fire Hydrants: Per City of Ontario Standard Drawing No. 4101: Install three (3) fire hydrants along the project frontage connected to the respective potable water main. Fire hydrants connected to potable water mains shall be spaced a maximum of 300 feet apart or per Fire Department Standards/Requirements:
    a. Install one (1) fire hydrant along the frontage of Lemon Avenue towards the southerly property limits.
    b. Install one (1) fire hydrant along the frontage of D Street towards the westerly property limits.
    c. Install one (1) fire hydrant along the frontage of Plum Avenue towards the northerly property limits.
9. Existing Fire Hydrants: Abandon the three (3) existing fire hydrants located along the project frontage:
    a. Abandon the fire hydrant located along the frontage of Lemon Avenue towards the southerly property limits to the connection of the 8-inch water main (W11438) in Lemon Avenue.
    b. Abandon the fire hydrant located at the southwest corner of D Street and Plum Avenue to the connection of the 8-inch water main (W11313) in Plum Avenue.
    c. Abandon the fire hydrant located at the southeast corner of D Street and Lemon Avenue to the connection of the 8-inch water main (W11438) in Lemon Avenue.
10. Fire Service with Fire System Double Check Detector Assembly (DCDA): Per City of Ontario Standard Drawing No. 4208:
    a. If an onsite private fire system is required, then a separate Fire Service equipped with a DCDA connected to the Public Potable Water System is required, to serve the onsite private fire system. The onsite fire system shall be separate from the onsite domestic water plumbing system and the onsite landscape irrigation system.
11. Water Service with Master Meter and Backflow Prevention Assembly Reduced Pressure Device:
    a. Install a water service and master meter connected to the existing 8-inch potable water main (W11313) in D Street per City of Ontario Standards. The water service shall be equipped with a backflow prevention device. The water master meter shall be located within the ROW.
12. Irrigation Water Service with Meter and Backflow Prevention Assembly Reduced Pressure Device:
    a. Install a water service and meter for irrigation purposes connected to the existing 8-inch potable water main (W11313) in D Street per City of Ontario Standards. The irrigation water service shall be equipped with a backflow prevention device. The irrigation water meter shall be located within the ROW.
13. Existing Water Services:
    a. Abandon all existing water service connections to the water main.

Recycled Water Conditions (Section 2.E): The Applicant shall comply with the following:

14. N/A

UTILITIES SYSTEMS MAP (USM) REQUIREMENTS:

The USM shall meet, at a minimum, the following requirements:

1. USM Content and Format: The Utilities Systems Maps shall show all existing and proposed Utilities (Potable Water, Recycled Water, Sewer, Storm Drain, and other utilities) including each of the City's public utilities' points of connection to the existing systems. This plan should include::

    a. Format: The Utilities Systems plan at a minimum 1:100 scale (or large engineering scale as appropriate to show needed details) that clearly shows each existing and proposed utility and its relative location. This includes property lines, right-of-way, public utility easements, but should not include underlying existing topography, just proposed general grades. Use appropriate colors for each Utility type: blue for Potable Water; purple for Recycled Water; green for Sanitary Sewer; yellow-brown for storm Drain.

    b. Services and Laterals: All Proposed Utility Service laterals for each parcel (potable water domestic, recycled water irrigation, potable/recycled water for process water, and sewer) and any associated appurtenances.

        i. Meter and Backflow Device Locations: Show all proposed meters and required backflow devices located per City Standards (Water Services and Meters; Backflow Devices). Meters should be located in public rights-of-way or PUEs; either at the R/W (or PUE) line for curb adjacent sidewalks or at back of curb for all other cases. All water connections that serve more than one residential unit are required to have a backflow device installed behind the meter.

    c. Cross Sections **(if applicable, for project construction new public mains)**: Scaled cross sections showing the utility layout on the Utility Systems Map (Utility Plan) for each public street, private street and Public Utility Easement (PUE). The cross sections shall show the location and size of each utility and annotate the property/ROW lines, the type of finished surface material, the distance of each utility from centerline, the depth from finished surface to top of pipe, and the distance between utilities (outside wall to outside wall).

    d. Points of Connections: The locations of the points of connections to the existing utility systems, which can include breaks between the map area and the connection points with descriptions of the pipe size, type, use (pressure zone for water), and distance. An inset map can be used in addition to this to help provide clarity.

    e. Water Demand Table **(if applicable, for projects within Ontario Ranch/NMC)**: Add a Water Demand Table to the Utility Systems Map (Utility Plan) that calculates the project's domestic water use based on land use category (residential, commercial, and OS-R/Parks) and the number of units. The table shall state demand in terms of Average Daily Demand (ADD from Table 4-8 of the Water Master Plan) and Water Demand Equivalents (WDE / Net MDD from Exhibit C-2R of the NMC Construction Agreement; WDEs only if NMC). It should also identify the quantity of units in each category and the specific lots that are included in that category. Please Note that master planned lines are designed using gross acreage densities for all projected water use from residential categories.

        i. See Attached Sheet for WDT Example.

    f. Phasing Plan (***if applicable***): As separate exhibits, provide a proposed phasing plan showing the phasing of the infrastructure and the number and type (TOP land use category) of units in each phase.

        i. All phases must have: a connection to public sewer; a two separate looped connections to the potable water system, where no one closing of a main segment results in any part of any of any phase being without potable water.

ii. For public water mains in all phases, dead-end water lines (temporary or permanent) are limited to serving 28 dwelling units or a maximum of 600 linear feet, whichever comes first. Otherwise a looped water system with at least two (2) points of connection to the primary public system is required.

g. Private Onsite Systems versus Public Systems within PUEs for Residential Tract Map Project(***if applicable***): the following requirements apply when to delineating between Private and Public Systems:

i. Current Standard Drawing No. 1304 remains applicable and minimum health separation must be met.

ii. Public water mains will be accepted in longer alleys when it serves more than 6 meters.

iii. Public sewer mains will be accepted in alleys where the water is public.

iv. Public dead-end water mains will require a blow-off at the end and the alley should be designed to accommodate runoff from required water main flushing operations.

v. Public sewer mains in alleys will require a manhole at both ends of the main.

vi. Public meters serving more than one single family residential unit are considered as multifamily service with master meter and require: a backflow device after the meter, private HOA sub-metering for each unit, and a separate Fire Service with DCDA to provide private onsite fire service.

CITY OF ONTARIO
MEMORANDUM

CONDITIONS OF APPROVAL

1. Where a joint telecom or street light street crossing is required, include (2) 2" HDPE SDR-11 conduits or (1) 4" schedule 80 conduit sleeve. Terminate the street crossing conduit(s) in a new HH-3/22 OntarioNet hand hole in the right of way
2. The City requires a public utility easement for fiber optics on all private aisles/alley ways.
3. Hand holes - Design and install OntarioNet fiber optic hand hole HH-FP (10x00x10), HH-1 (13x24x18), HH-2 (17x30x24), HH-2A (24x36x30), HH-3 (30x48x36) and/or HH-4 (36x60x36) as needed. Respectively, Newbasis Part # PLA100010T-00002, PCA132418-00006, PCA-173024-90116, PCA-243630-90064, PCA-304836-90244 and PCA-366036-90146 or equivalent as specified per City Standard 1316. Conduits sweeping into hand holes shall enter in flush with the cut-out mouse holes aligned parallel to the bottom of the box and come in perpendicular to the wall of the box. Conduits shall not enter at any angle other than parallel. Provide 5-foot minimum clearance from existing/proposed utilities. All hand holes will have ¼-inch galvanized wire between the hand holes and the gravel it is placed on.
4. ROW Conduit – Design and install fiber optic conduit at a minimum depth of 36 inches. Trenching shall be per City Standard 1306. Install (1) 2-inch HDPE SDR-11 (Smoothwall) roll pipe (Orange) duct and (1) 2-inch HDPE SDR-11 (Smoothwall) roll pipe (Orange with Black Stripe) duct. Conduit(s) between ROW hand holes and hand holes on private property shall be 2-inch HDPE SDR-11 (Smoothwall) roll pipe (Orange) duct.
5. Building Entrance (Single Family) – Design and install 0.75-inch HDPE SDR-11 (Smoothwall) roll pipe (Orange) duct from hand holes on property or hand holes in the ROW. Consult City's Fiber Team for design assistance.
6. Building Entrance (Multi-family and Commercial) - From the nearest handhole to the building entrance, design and install fiber optic conduit at a minimum depth of 36-inches. Trenching shall be per City Standard for Commercial Buildings. (1) 2-inch HDPE SDR-11 (Smoothwall) roll pipe (Orange) duct. Install locate/tracer wires minimum 12AWG within conduit bank and fiber warning tape 18-inch above the uppermost duct.
7. Multi-family and commercial properties shall terminate conduit in an electrical room adjacent to the wall no less than five inches above the finished floor. A 20" width X length 36" space shall be reserved on the plywood wall for OntarioNet equipment. This space shall be labeled "OntarioNet Only". Ontario Conduit shall be labeled "OntarioNet"
8. A minimum 1.5-inch joint use telecommunications conduit with pull-rope from the single-family, multi-family or commercial building communal telecom/electrical room/closet to each multi-family or commercial building unit shall be installed. See the Structured Wiring Checklist on the City's website for additional details.
9. Warning Tape - The contractor shall supply and install an approved non-detectable warning tape 18 inches above the uppermost conduit when backfilling trenches, pits or excavations greater than 10' in length. Warning Tape shall be non-detectable, Orange in color, 4-inch minimum width, 4 mil, 500% minimum elongation, with bold printed black letters "CAUTION - BURIED FIBER OPTIC CABLE BELOW" printed in bold black lettering no less than 2-inch high.
10. All hand holes, conduits, conduit banks, materials and installations are per the City's Fiber Optic Master Plan and City Fiber Optic Cable and Duct Standards. All hand holes, conduits and ducts shall be placed in the public right of way.
11. All unused conduits/ducts/microducts shall be protected with duct plugs that provide a positive seal. Ducts that are occupied shall be protected with industry-accepted duct seal compound.
12. Locate/Tracer Wire - Conduit bank requires (1) 12AWG high strength (minimum break load 452#) copper-clad steel with 30mil HDPE orange insulation for locate/tracer wire. Contact City's Fiber Team for tracer wire specifications and see note 8.
13. Multi-family dwellings are considered commercial property.
14. Refer to the In-tract Fiber Network Design guideline on the City's website for additional in-tract conduit guidelines.