Limited Phase II Subsurface Investigation and Vapor Intrusion Investigation Report

REPORT DATE: May 12, 2023; revised June 9, 2023

SITE INFORMATION
227 N. 1st Street and 240 N. 2nd Street
San Jose, Santa Clara County, California 95113 & 95112

PROJECT INFORMATION
AEI Project No. 477886

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May 12, 2023; revised June 9, 2023

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Subject: Limited Phase II Subsurface Investigation and Vapor Intrusion Investigation
227 N. 1st Street and 240 N. 2nd Street
San Jose, California 95113 & 95112
AEI Project No. 477886

Dear Shannon George,

This report presents the results of the Limited Vapor Intrusion Investigation (Phase II) conducted by AEI Consultants (AEI) at 227 N. 1st Street and 240 N. 2nd Street, San Jose, California (the Sites) to assess the recognized environmental conditions (RECs) identified in the *Draft Phase I Environmental Site Assessment* (ESA) reports dated March 13, 2023. The investigation was performed in general accordance with the scope of services outlined in our proposal dated April 18, 2023 (AEI Proposal Number 90272).

AEI appreciates the opportunity to support this important project. If you have any questions, please do not hesitate to contact me.

Sincerely,

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1.0 PURPOSE

This report presents the results of the Limited Vapor Intrusion Investigation (Phase II) performed by AEI Consultants (AEI) at 227 N. 1st Street and 240 N. 2nd Street, San Jose, California ("the Sites"). This investigation was completed to assess the recognized environmental conditions (RECs) identified in Phase I ESA reports dated March 13, 2023 (AIE Project No. 475630 and 475631). The investigation was performed in general accordance with the scope of services outlined in our proposal dated April 18, 2023 (AEI Proposal Number 90272). The Site descriptions, background, investigation procedures, findings, summary, and conclusions are presented in the following sections.

2.0 SITE DESCRIPTION AND BACKGROUND

Details on the Site description and background are presented below.

2.1 Site Description and Background

227 N. 1st Street

The Site is located on the south corner of the intersection of North 1st Street with Devine Street in San Jose, California. The Site consists of approximately 0.48 acres of land that is improved with a three-story vacant building (Phase I ESA). The remaining of the Site is improved with asphalt-paved parking areas and associated landscaping.

The ground surface at the Site and nearby properties appeared to be sloping toward the north. Based on the information obtained from the Phase I ESA, the soil surrounding the Site is classified as Urban Land, which indicates that more than 85 percent of the original soils have been disturbed or covered by paved surfaces, buildings or other structures. According to information obtained from the Phase I ESA for a leaking underground storage tank (LUST) case at the northeast adjoining property located at 252 North 1st Street, groundwater was expected to be encountered from a depth of approximately 12-16 feet below ground surface (bgs) and groundwater flow direction beneath the Site is inferred to follow the topographic gradient and flow to the north (Phase I ESA).

Refer to Section 4.1 below for additional information on the Site subsurface conditions.

According to the March 13, 2023 Phase I ESA reports prepared by AEI, the following RECs were identified at 227 North 1st Street:

- Associated Cleaners, a likely dry cleaning facility, was located at 243 North 1st Street from approximately 1935 to 1945. The cleaners operated at a time that predates regulatory oversight of hazardous materials and petroleum products. Dry cleaning operations typically use chlorinated solvents, particularly tetrachloroethylene (PCE), during the dry cleaning process. These solvents, even when properly stored and handled, can readily migrate into the subsurface as a result of small releases associated with on-

site operations. Chlorinated solvents are highly mobile chemicals that can easily accumulate in soil and soil gas and migrate to groundwater beneath a facility.

- Various printing facilities (Tucker Printing Co, Mrs. Smith B C Printer, Smith & Mc Kay Printing Co, Action Printing Co) formerly located on the Site at 227, 237 and 239 North 1st Street from approximately 1930 to 1955 and again in 1970. Many printing industries generate waste ink and ink sludges that might contain solvents or heavy metals. Photographic processes are also typically associated with major printing operations for image conversion and plate making. Photographic wastes, including heavy metal solutions, developers, hardeners, plating chemicals, and spent solvents, make up a large portion of the hazardous waste generated in these industries.
- "Wendell J A vulc", a vulcanizing auto tire repair shop, was located at 243 North 1st Street from approximately 1915 to 1930. Based on the nature of use, it is likely that various quantities of hazardous substances and/or petroleum products were stored on site. These tenants of concern operated at a time that pre-dates modern regulatory oversight of hazardous substances and petroleum products. Based on the length of time that the Site had been occupied by these tenants, and the absence of regulatory oversight, it is possible that petroleum hydrocarbons and/or volatile organic compounds (VOCs) may have impacted the subsurface of the Site. The likely presence of hazardous substances and/or petroleum products at the Site due to a likely release represents a REC. In particular, the historical presence of tenants of concern at the Site represents evidence of a REC.
- According to a 1915 Sanborn map, an oil tank (likely an underground storage tank [UST]) was located near the northwestern corner of the Site building. No information regarding the size of the UST or date of installation was on file with any of the regulatory agencies. Additionally, no documentation of the removal of the UST was found. Based on the lack of information regarding the UST removal, it is possible that a release of oil from the UST has resulted in an impact to the subsurface of the Site and that the UST remains in place. The likely presence of hazardous substances and/or petroleum products at the Site due to a likely release represents a REC. In particular, the historical presence of an oil UST at the Site represents evidence of a REC.

240 N. 2nd Street

The Site is located on the northeast side of North 2nd Street in San Jose, California. The Site consists of approximately 0.43 acres of land that is improved with a two-story vacant building (Phase I ESA). The remainder of the Site is improved with an asphalt-paved driveway and associated landscaping.

The ground surface at the Site and nearby properties appeared to be sloping toward the north. Based on the information obtained from the Phase I ESA, the soil surrounding the Site is classified as Urban Land, which indicates that more than 85 percent of the original soils have been disturbed or covered by paved surfaces, buildings or other structures. According to the information obtained from the Phase I ESA for a LUST case at the southwest adjoining property located at 252 N. 1st Street, groundwater was expected to be encountered from a depth of approximately 12-16 feet below ground surface (bgs) and groundwater flow direction beneath the Site is inferred to follow the topographic gradient and flow to the north (Phase I ESA).

- According to a review of historical sources and regulatory agency records, the current building was constructed in 1933 for occupancy by the California State National Guard Armory. The California State National Guard Armory reportedly used the Site for military purposes such as armory storage, recruiting and training. The armory operated at a time that predates modern regulatory oversight of hazardous substances and petroleum products. However, Department of Toxic Substances Control (DTSC) Hazardous Waste Tracking System (HWTS) records indicate that the facility generated the following hazardous wastes: 0.1459 tons of an unspecified solvent mixture in 1992, 0.0325 tons of unspecified oil-containing waste, 0.15 tons of off specification, aged or surplus organics/ignitable waste, 0.006 tons of liquids with pH<= 2/corrosives and 0.055 tons of other organic solids/naphthalene in 1997, and 4.75 tons of contaminated soil from site clean-up/lead waste in 1999. No evidence of a documented release or subsurface sampling was found during research conducted during this assessment, however DTSC HWTS records indicate that soil excavation was conducted in 1999. The likely presence of hazardous substances and/or petroleum products at the Site due to a likely release represents a REC. In particular, the record of excavated contaminated soils at the Site represents evidence of a REC.

The locations of the two Sites are shown on Figures 1 and 2. Figures 3 and 4 present the Site Maps.

3.0 FIELD INVESTIGATION AND OBSERVATIONS

227 N. 1st Street

AEI was contracted to perform a Limited Phase II Subsurface Investigation and Limited Vapor Intrusion Investigation to evaluate if the subsurface at the Site has been adversely impacted by RECs identified in the March 13, 2023 Phase I ESA report referenced above. Investigation efforts included advancing of two exploratory soil borings for the soil sample collection and a collection of four crawl space samples. Additionally, AEI collected indoor air samples to evaluate current indoor air quality within the existing Site building.

240 N. 2nd Street

AEI was contracted to perform a Limited Vapor Intrusion Investigation to evaluate if the subsurface at the Site has been adversely impacted by RECs identified in the March 13, 2023 Phase I ESA report referenced above. Investigation efforts included collection of four sub-slab soil gas samples. Additionally, AEI collected indoor air samples to evaluate current indoor air quality within the existing Site building.

The probe/crawl space/sample locations are shown on Figures 3 and 4. The completed activities for the two Sites are summarized below.

3.1 Health and Safety Plan

A site-specific health and safety plan was prepared, reviewed by on-site personnel, and kept on the Site for the duration of the fieldwork.

3.2 Permitting and Utility Clearance

Drilling permits were not required for this investigation.

The public underground utility locator Underground Service Alert (USA) was notified who, in turn, notified subscribing utility companies of the planned investigation work for underground utility locations to be marked along the ground surface around the Site boundaries and proposed boring locations, where accessible. Private utility locating was conducted by Foresite Engineering Surveys of Pleasant Hill, California under subcontract to AEI to further identify and locate underground utilities on the Site, and to shift boring locations, as appropriate.

227 N. 1st Street

3.3 Geophysical Survey

On April 26, 2023, in addition to the utility locating activities, a geophysical survey was conducted by Foresite Engineering Surveys of Pleasant Hill, California. The geophysical survey was conducted in the near the southwestern corner of the Site building, on the brick-covered area adjacent to the building, along the sidewalk adjacent to the northwest side of the building, within the landscaping area, and on the asphalt-paved area to the southwest of the building. The purpose of the survey was to evaluate for the potential presence of underground structures, USTs, associated piping, disturbed soils and/or cavities. The geophysical survey was conducted using a ground-penetrating radar (GPR), magnetometer, and other utility locating equipment.

During the scanning process, subsurface visibility was noted to be up to 8-feet bgs. The total area scanned was approximately 200-square feet. During geophysical scanning, no UST was found.

The Client should be aware of the inherent limitations of geophysical surveying methods and that above and underground utilities and other man-made or natural features (i.e., automobiles, debris piles, tree roots, reinforced concrete, certain soil conditions, etc.), if in the area of the survey, may decrease the effectiveness of the survey. The Client should be aware that the lack of a detection of a feature from a geophysical survey does not mean that the feature does not exist only that it was not detected.

3.4 Indoor Air Sample Collection

On April 26 and 27, 2023, four indoor air samples (IA-1 through IA-4), and one exterior ambient air sample (AMB-1) were collected from the 227 North 1st Street building. The locations of the air samples included the following:

- Indoor air sample IA-1 was placed within the northwest portion of the Site building;
- Indoor air sample IA-2 was placed within the northeast portion of the Site building;
- Indoor air sample IA-3 was placed within the southeast portion of the Site building;
- Indoor air sample IA-4 was placed within the southwest portion of the Site building.
- Ambient air sample AMB-1 was placed outside on the roof.

The heating, cooling, air conditioning (HVAC) system was not in operation in the vicinity of the samples IA-1 through IA-4 at the time of sampling. The flooring beneath the indoor air sample locations was noted as wood.

The air samples were collected using laboratory-supplied 6-liter evacuated sample canisters fitted with laboratory-calibrated, flow controllers calibrated to collect samples over an approximate 24-hour period and equipped with vacuum gauges and particulate filters. Each sample canister was individually checked, tested, and certified by the laboratory for air tightness and proper vacuum prior to shipping.

Sample equipment and containers were provided and calibrated by Torrent Laboratory of Milpitas, California. Initial and final readings on the vacuum gauge were recorded at the beginning and end of the sampling process to confirm sample collection. Upon sample retrieval, the sample canisters were labeled with the appropriate project information, including the project name, project number, sample location, date and time of sampling, sampler's name, canister identification number, and initial and final canister vacuums. Chain-of-custody documentation, a copy of which is included in Appendix A, was prepared and accompanied the samples to Torrent Laboratory, of Milpitas, California.

3.5 Drilling and Soil Sample Collection

On April 26, 2023, two exploratory soil borings were advanced at the 227 North 1st Street Site at the locations shown on Figure 3. The borings were advanced by Environmental Control Associates of Aptos, California using a direct push (DP) truck-mounted drill rig to collect soil samples. The locations of the borings are listed below:

- Boring SB-1 was advanced to a total depth of 15 feet bgs using the DP drilling method on the asphalt-paved driveway to the west of the brick-paved area and potential UST location;
- Boring SB-2 was advanced to a total depth of 15 feet bgs using the DP drilling method on the landscaped area, to the south of the potential UST/brick-paved area.

The locations of the borings were chosen in part based on existing and former Site structures, results of the utility clearance, and anticipated location of UST. These locations are shown on Figure 3.

The soil borings were evaluated throughout their entire depths for the purposes of lithologic logging, field screening (headspace testing), and laboratory analyses. The soil samples from borings were obtained using a single-walled coring system approximately 2.25 inches and 4 feet in length containing plastic liners. The coring system was connected to 1-inch diameter, flush-jointed drill rod that was hydraulically driven (pushed) by the rig to each target sample depth. Upon retrieval from each sample depth interval, the coring system was opened, and the liners were removed and cut for visual inspection and lithologic logging purposes. Recovered soil samples were examined for soil classification and described on detailed boring logs in general conformance with the Unified Soil Classification System. The boring logs are presented in Appendix A.

Headspace screening was performed using a photoionization detector (PID) equipped with an electrodeless 10.6 eV ultraviolet lamp for detecting the presence of organic vapors in the soil samples collected. The PID was calibrated by the rental company before use. To initiate the headspace testing procedure, soil samples were placed into labeled, plastic bags, and sealed prior to conducting the tests. After approximately 20-30 minutes had elapsed for organic vapor build-up inside the bags, each bag was punctured with the probe tip of the PID to allow for measurement of the organic vapors or headspace gases. Measurements of the organic vapors were reported in parts per million (ppm).

There was no visual or olfactory evidence (i.e., soil discoloration or odor) of potentially impacted soils observed in soils that were recovered during the drilling activities. The maximum PID reading was 1.1 ppm in boring SB-1-10. The resulting PID measurements were then recorded in the boring logs that are presented in Appendix A.

Soil samples collected for potential laboratory analysis were sealed in acetate sleeves and capped with Teflon™ tape and caps. After sealing, each sample was labeled with the project name, project number, boring number, sample depth, and sampling date/time of sampling, and each sample was entered onto chain-of-custody documentation for transportation to a State of California-certified laboratory for analysis, and was then placed into an insulated, chilled ice chest containing ice. The following is a summary of the soil samples collected and analyzed:

- Samples SB-1-10 and SB-2-10 were collected at 10 feet bgs.

The chain-of-custody documentation and analytical laboratory report are included in Appendix B.

3.6 Crawl Space Sample Collection

On April 27, 2023, due to the wooden floors and a crawl space beneath the 227 North 1st Street building, AEI was not able to install temporary sub-slab soil gas sampling points. In lieu of the sub-slab soil gas sampling points, AEI collected four crawl space samples beneath the wooden floor, within the crawl space area. A crawl space sample was collected from each of the sampling locations, adjacent to the indoor air samples using 1-liter Summa™ canisters fitted with laboratory-calibrated, flow controllers equipped with vacuum gauges and particulate filters. The Summa™ canisters were connected to the daylighted portion of the sample probe, and the samples were collected at flow rates between 150 and 200 mL per minute. Initial and final readings on the vacuum gauges were recorded at the beginning and end of the sampling process to confirm sample collection.

Upon sample retrieval, the Summa™ canisters were labeled with the appropriate project information, including the project name, project number, sample location and depth, date and time of sampling, sampler's name, canister identification number, and the initial and final canister vacuums. Chain-of-custody documentation was completed and accompanied the Summa™ canisters to the analytical laboratory. The laboratory reports and chain-of-custody are provided in Appendix B of this Report.

3.7 Boring Abandonment

Following completion of field activities, the two boring locations were backfilled neat cement grout and completed at the surface with asphalt or landscape material, to match the surrounding conditions.

3.8 Decontamination Procedures and Investigation-Derived Waste

AEI personnel wore disposable Nitrile gloves during sample collection and changed gloves prior to and between each sample collection. Down-hole equipment including sampling tubes, samplers, and hand tools were decontaminated prior to drilling each boring and/or were dedicated to a single boring.

Investigation-derived waste requiring disposal or characterization was generated during the field activities and left in one 5-gallon bucket.

3.9 Soil Gas Sample Point Installation and Sample Collection

240 N. 2nd Street

On April 27, 2023, AEI installed four temporary sub-slab soil gas sampling points in the 240 North 2nd Street building (SS-5 through SS-8) in general accordance with the guidelines presented in the Advisory – Active Soil Gas Investigations dated July 2015 prepared by the Department of Toxic Substances Control (DTSC). Each sampling point location was advanced into the fill underlying the concrete slab-on grade foundation for the buildings using a percussive, roto-hammer drill with a 5/8-inch diameter drill bit. A temporary soil gas probe consisting of 0.25-inch Teflon® tubing capped with a screen-lined point was inserted into the core space just beneath the slab. The annular space surrounding the tubing and the surface was sealed with hydrated granular bentonite.

Prior to soil gas sample collection, a series of quality assurance/quality control tests, including shut-in tests and leak tests, were performed in sequential order at each location. Shut-in tests were conducted to check for leaks in the above-ground sampling system. A leak check gas (helium) was applied to a vapor-impermeable shroud around the sample train prior to and during sample collection to rule out leakage of ambient air in the sample train. Volumes of air equivalent to a total of three times the internal volume of the probe tubing was purged using a 50-milliliter (mL) plastic syringe prior to sample collection. The purged air was transferred to Tedlar bags and subsequently screened with the PID and helium meter for the presence of volatile organic compounds (VOCs) and helium.

Upon completion of the required testing, a soil gas sample was collected from each of the sampling locations using 1-liter Summa™ canisters fitted with laboratory-calibrated, flow controllers equipped with vacuum gauges and particulate filters. The Summa™ canisters were connected to the daylighted portion of the sample probe, and the samples were collected at flow rates between 150 and 200 mL per minute. Initial and final readings on the vacuum gauges were recorded at the beginning and end of the sampling process to confirm sample collection. The leak check gas (helium) was continued to be applied to the shroud and sample train during

sample collection. Sampling was completed with a slight vacuum remaining in each of the canisters, SS-5 through SS-8.

Upon sample retrieval, the Summa™ canisters were labeled with the appropriate project information, including the project name, project number, sample location and depth, date and time of sampling, sampler's name, canister identification number, and the initial and final canister vacuums. Chain-of-custody documentation was completed and accompanied the Summa™ canisters to the analytical laboratory. The laboratory reports and chain-of-custody are provided in Appendix B of this Report.

3.10 Indoor Air Sample Collection

On April 28 and 29, 2023, four indoor air samples (IA-5 through IA-8), and one exterior ambient air sample (AMB-2) were collected from the 240 North 2nd Street building. The locations of the air samples included the following:

- Indoor air sample IA-5 was placed within the southern portion of the Site building;
- Indoor air sample IA-6 was placed within the eastern portion of the Site building;
- Indoor air sample IA-7 was placed within the northern portion of the Site building;
- Indoor air sample IA-8 was placed within the western portion of the Site building.
- Ambient air sample AMB-2 was placed outside on the driveway.

The heating, cooling, air conditioning (HVAC) system was not in operation in the vicinity of the samples IA-5 through IA-8 at the time of sampling. The flooring beneath the indoor air sample locations was noted as concrete. The ground surface beneath the ambient sample AMB-2 was noted as concrete.

The air samples were collected using laboratory-supplied 6-liter evacuated sample canisters fitted with laboratory-calibrated, flow controllers calibrated to collect samples over an approximately 24-hour period and equipped with vacuum gauges and particulate filters. Each sample canister was individually checked, tested, and certified by the laboratory for air tightness and proper vacuum prior to shipping.

Sample equipment and containers were provided and calibrated by Torrent Laboratory of Milpitas, California. Initial and final readings on the vacuum gauge were recorded at the beginning and end of the sampling process to confirm sample collection. Upon sample retrieval, the sample canisters were labeled with the appropriate project information, including the project name, project number, sample location, date and time of sampling, sampler's name, canister identification number, and initial and final canister vacuums. Chain-of-custody documentation, a copy of which is included in Appendix B. was prepared and accompanied the samples to Torrent Laboratory, of Milpitas, California.

3.11 Decontamination Procedures and Investigation-Derived Waste

AEI personnel wore disposable Nitrile gloves during sample collection and changed gloves prior to and between each sample collection. Down-hole equipment including sampling tubes,

samplers, and hand tools were decontaminated prior to drilling each boring and/or were dedicated to a single boring.

No investigation-derived waste requiring disposal or characterization was generated during the field activities.

3.12 Laboratory Analyses

Soil samples were labeled and placed into ice-filled coolers following sampling and transferred under appropriate chain-of-custody documentation to Torrent Laboratory of Milpitas, California. Two soil samples were collected and analyzed for VOCs using United States Environmental Protection Agency (US EPA) Testing Method 8260B, total petroleum hydrocarbons (TPH) carbon range using EPA Testing Method 8015B, and leaking underground fuel tank (LUFT-5) Metals using US EPA Testing Method 6010B.

Four soil gas samples and four crawl space samples collected were placed into padded boxes and transferred under appropriate chain-of-custody documentation to Pace National of Mount Juliet, Tennessee. Four soil gas samples were collected and analyzed for VOCs using US EPA Testing Method TO-15 and helium as a leak check using Testing Method ASTM D-1946-90. Four crawl space samples were collected and analyzed for VOCs using US EPA Testing Method TO-15.

Ten air samples collected were placed into padded boxes and transferred under appropriate chain-of-custody documentation to Torrent Laboratory of Milpitas, California. The air samples were collected and analyzed for VOCs using US EPA Testing Method TO-15 SIM.

No further sample analyses were conducted as part of this investigation. Chain-of-custody documentation and the certified analytical reports are provided in Appendix B.

4.0 FINDINGS

The findings of this investigation are summarized below.

4.1 Subsurface Conditions

227 N. 1st Street

Subsurface conditions observed during the drilling activities of borings SB-1 and SB-2 indicated that soils underlaying the Site consisted primarily of gravelly silt, silt, clayey silt, sandy silt, and clay to a depth of 15-feet, the total depth of this investigation. DP refusal was not encountered during drilling activities. Groundwater was not encountered during drilling of borings SB-1 and SB-2.

4.2 Analytical Results

Analytical results generated during this investigation were compared to the July 2019, Revision 2, San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs). The RWQCB ESLs are considered to be conservative. Under most circumstances, and within the limitations described in the RWQCB ESL guidance document, the presence of a

chemical in soil, soil gas, and/or groundwater, at concentrations below the corresponding ESL may be assumed to not pose a significant threat to human health and the environment. Additional evaluation may be necessary at sites where a chemical is present at concentrations above the corresponding ESL. For this investigation, analytical crawl space and soil gas results generated during this investigation were compared to the ESLs assuming an exposure pathway for direct contact and vapor intrusion under the residential and commercial/industrial land use scenario.

4.2.1 Soil Sample Analytical Results

227 N. 1st Street

Tables 1 and 2 present a summary of the soil sample analytical results and comparison screening levels. Chain-of-custody documentation and the certified analytical report are provided in Appendix B. One soil sample from each of the borings SB-1 and SB-2 was collected and analyzed as summarized in Section 3.5 above. The "x" qualifier is used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. The analytical results can be summarized as follows:

- TPH-g was not detected at concentrations above the laboratory practical quantitation limit (PQL) in the two soil samples collected and analyzed from borings SB-1 and SB-2.

- TPH-d was detected in soil samples SB-1-10 and SB-2-10 at concentrations of 9.22 x and 4.98 x milligrams per kilogram (mg/kg), respectively. The detected concentrations are below the residential and commercial/industrial ESLs of 260 mg/kg and 1,200 mg/kg, respectively.

- TPH-mo was detected in soil samples SB-1-10 and SB-2-10 at concentrations of 19.0 and 8.66 mg/kg, respectively. The detected concentrations are below the residential and commercial/industrial ESLs of 12,000 mg/kg 180,000 mg/kg, respectively.

- Benzene, toluene, ethylbenzene, and total xylenes (collectively "BTEX") were not detected above laboratory PQLs in the two soil samples collected and analyzed.

- Tetrachloroethylene (PCE) was not detected at concentrations above the laboratory practical quantitation limit (PQL) in the two soil samples collected and analyzed from borings SB-1 and SB-2.

- No additional VOCs were detected above the laboratory PQLs in the two soil samples collected and analyzed.

- The LUFT-5 metal cadmium was not detected above the laboratory PQL in the two soil samples collected and analyzed from borings SB-1 and SB-2.

- LUFT-5 Metals chromium, lead, nickel and zinc were detected at concentrations above the laboratory PQL, but not above their respective residential and commercial/industrial ESLs, where applicable in the two soil samples collected and analyzed from borings SB-1 and SB-2.

4.2.2 Crawl Space Sample Analytical Results

227 N. 1st Street

Table 3 presents a summary of the crawl space and soil gas sample results and comparison screening levels. Chain-of-custody documentation and the certified analytical report are provided in Appendix B. The "E" flag indicates that the analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration. The analytical results can be summarized as follows:

- Benzene was detected at a concentration of 1.01 micrograms per cubic meter (µg/m^3) in sample CS-1. The detected concentration is below the residential ESL of 3.2 µg/m^3.

- No additional VOCs, including toluene, ethylbenzene, total xylenes, or PCE were detected above the laboratory RDLs or above their respective residential and commercial/industrial ESLs, where applicable, in the four crawl space samples collected and analyzed.

4.2.3 Indoor Air Sample Analytical Results

227 N. 1st Street

Table 4 presents a summary of the indoor air sample results and comparison screening levels. Chain-of-custody documentation and the certified analytical report are provided in Appendix B. The analytical results can be summarized as follows:

- Benzene was detected in three indoor air samples at concentrations of 0.865 µg/m^3, 0.831 µg/m^3, and 0.719 µg/m^3 in samples IA-1, IA-3, and IA-4, respectively. Benzene was also detected in the ambient air sample (AMB-1) at a concentration on 1.00 µg/m^3. While detected concentrations in the indoor air and ambient air exceed the residential and commercial industrial ESLs of 0.097 µg/m^3 and 0.42 µg/m^3, respectively, benzene is present in both ambient and indoor air at similar concentrations and magnitude, and does not exceed the residential ESL in the crawl space samples collected, indicating the detected benzene observed in indoor air is likely representative of background conditions and not likely an indication of vapor intrusion of benzene at the Site.

- PCE was detected in four indoor air samples at maximum concentrations of 0.602, 0.477 µg/m^3, and 0.504 µg/m^3 in samples IA-1, IA-2, and IA-3, respectively. The detected concentrations are above the residential ESL of 0.46 µg/m^3. PCE was also detected in the ambient air sample (AMB-1) at a concentration of 0.209 µg/m^3, which is below the residential ESL of 0.46 (IA-1, IA-3, and IA-4).

- Carbon tetrachloride was detected at maximum concentrations of 0.505 µg/m^3 and 0.498 µg/m^3 in samples IA-2 and IA-4, respectively. Carbon tetrachloride was also detected in the ambient air sample (AMB-1) at a concentration on 0.526 µg/m^3. While detected concentrations in the two indoor air samples and ambient air sample exceed the residential ESL of 0.47 µg/m^3, carbon tetrachloride is present in both ambient and indoor air at similar concentrations and magnitude, indicating the detected carbon tetrachloride observed in indoor air is likely representative of background conditions and not likely an indication of vapor intrusion of carbon tetrachloride at the Site.

- Chloroform was detected in four indoor air samples (IA-1 through IA-4) at concentrations ranging from 0.170 µg/m^3 to 0.177 µg/m^3. Chloroform was also detected in the ambient air sample (AMB-1) at a concentration on 0.156 µg/m^3. While detected concentrations in the indoor air and ambient air samples exceed the residential ESL of 0.12 µg/m^3, chloroform is present in both ambient and indoor air at similar concentrations and magnitude, indicating the detected carbon tetrachloride observed in indoor air is likely representative of background conditions and not likely an indication of vapor intrusion of chloroform at the Site. Additionally, the detection of chloroform may be from irrigation water or from use of chlorinated cleaning products and is not considered a vapor intrusion concern for the Site.

- Naphthalene was detected in four indoor air samples (IA-1 through IA-4) at concentrations ranging from 0.363 µg/m^3 to 0.685 µg/m^3. Naphthalene was also detected in the ambient air sample (AMB-1) at a concentration on 3.00 µg/m^3. While detected concentrations in the indoor air and ambient outdoor air exceed the residential and commercial ESLs of 0.083 and 0.36 µg/m^3, respectively, naphthalene is present in both ambient and indoor air at similar concentrations and magnitude, indicating the detected naphthalene observed in indoor air is likely representative of background conditions and not likely an indication of vapor intrusion of naphthalene at the Site.

- 1,1,2,2-Tetrachloroethane was detected a concentration of 0.124 µg/m^3 in sample IA-1. The detected concentration is above the residential ESL of 0.048 µg/m^3. 1,1,2,2-Tetrachloroethane was also detected in the ambient air sample (AMB-1) at a concentration on 0.219 µg/m^3. While detected concentrations in the indoor air and ambient air exceed the residential and commercial ESLs of 0.048 and 0.21 µg/m^3, respectively, 1,1,2,2-tetrachloroethane is present in both ambient and indoor air at similar concentrations and magnitude, indicating the detected concentration of 1,1,2,2-tetrachloroethane observed in indoor air is likely representative of background conditions and not likely an indication of vapor intrusion at the Site.

- 1,1,2-Trichloroethane was detected at maximum concentration of 0.249 µg/m^3 in sample IA-3. The detected concentration is above the residential ESL of 0.18 µg/m^3. 1,1,2-Trichloroethane was also detected in ambient sample AMB-1 at a concentration of 0.144 µg/m^3 which is below the residential ESL of 0.18 µg/m^3.

- No additional VOCs were detected above laboratory PQLs in the four indoor air samples collected and analyzed.

4.2.4 Soil Gas Sample Analytical Results

240 N. 2nd Street

Table 3 presents a summary of the soil gas sample analytical results and comparison screening levels. Chain-of-custody documentation and the certified analytical report for the soil gas samples are presented in Appendix B. The "E" flag indicates that the analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration. The analytical results can be summarized as follows:

- Benzene was detected at maximum concentrations of 12.7 µg/m^3, 4.31 µg/m^3, and 5.97 µg/m^3 in samples SS-5, SS-6, and SS-8, respectively. The detected concentrations are above the residential ESL of 3.2 µg/m^3.

- No additional VOCs, including toluene, ethylbenzene, and total xylenes were detected above laboratory RDLs or above their respective residential and commercial/industrial ESLs in the four soil gas samples collected and analyzed.

4.2.5 Indoor Air Sample Analytical Results

240 N. 2nd Street

Table 4 presents a summary of the groundwater sample results and comparison screening levels. Chain-of-custody documentation and the certified analytical report are provided in Appendix B. The analytical results can be summarized as follows:

- Benzene was detected in four indoor air samples (IA-5 through IA-8) at concentrations of ranging from 0.523 µg/m^3 to 1.49 µg/m^3. Benzene was also detected in the ambient air sample (AMB-2) at a concentration on 0.649 µg/m^3. While detected concentrations in the indoor air and ambient outdoor air exceed the residential and commercial industrial ESLs of 0.097 µg/m^3 and 0.42 µg/m^3, respectively, benzene is present in both ambient and indoor air at similar concentrations and magnitude, indicating the detected benzene observed in indoor air is likely representative of background conditions and not likely an indication of vapor intrusion of benzene at the Site.

- Bromodichloromethane was detected in four indoor air samples (IA-5 through IA-8) at concentrations of ranging from 0.375 µg/m^3 to 3.63 µg/m^3. The detected concentrations are above the residential and commercial/industrial ESLs of 0.076 µg/m^3 and 0.33 µg/m^3, respectively. Bromodichloromethane was not detected in the ambient air sample (AMB-2) above the laboratory PQL.

- Chloroform was detected in four indoor air samples (IA-5 through IA-8) at concentrations ranging from 0.133 µg/m^3 to 0.146 µg/m^3. Chloroform was also detected in the ambient air sample (AMB-2) at a concentration on 0.123 µg/m^3. While detected concentrations in the indoor air and ambient air samples exceed the residential ESL of 0.12 µg/m^3, chloroform is present in both ambient and indoor air at similar concentrations and magnitude, indicating the detected carbon tetrachloride observed in indoor air is likely representative of background conditions and not likely an indication of vapor intrusion of chloroform at the Site. Additionally, the detection of chloroform may be from irrigation water or from use of chlorinated cleaning products and is not considered a vapor intrusion concern for the Site.

- 1,2-Dibromoethane was detected in indoor air samples IA-8 at concentration of 0.160 µg/m^3. The detected concentration is above the residential and commercial/industrial ESLs of 0.0047 µg/m^3 and 0.02 µg/m^3, respectively. 1,2-Dibromoethane was not detected in the ambient air sample (AMB-2) above the laboratory PQL.

- 1,4-Dichlorobenzene was detected at maximum concentrations of 4.06 µg/m^3 and 0.391 µg/m^3. The detected concentrations are above the residential and commercial/industrial

ESLs of 0.26 µg/m^3 and 1.1 µg/m^3, respectively. 1,4-dichlorobenzene was not detected in the ambient air sample (AMB-2) above the laboratory PQL.

- 1,4-Dioxane was detected in four indoor air samples (IA-5 through IA-8) at concentrations of ranging from 0.0281 µg/m^3 to 7.77 µg/m^3. The maximum detected concentration in sample IA-6 is above the residential and commercial/industrial ESLs of 0.26 µg/m^3 and 1.6 µg/m^3, respectively. 1,4-Dioxane was detected at a concentration of 0.0518 µg/m^3 in the ambient air sample (AMB-2), which is below the residential ESL of 0.26 µg/m^3.

- Hexachlorobutadiene was detected in indoor air sample IA-6 at a concentration of 9.15 µg/m^3. The detected concentration is above the residential and commercial/industrial ESLs of 0.13 µg/m^3 and 0.56 µg/m^3, respectively. Hexachlorobutadiene was not detected above the laboratory PQL in the ambient sample AMB-2.

- Naphthalene was detected in four indoor air samples (IA-5 through IA-8) at concentrations ranging from 0.940 µg/m^3 to 6.40 µg/m^3. Naphthalene was also detected in the ambient air sample (AMB-1) at a concentration on 0.302 µg/m^3. The detected concentrations in the indoor air and ambient outdoor air exceed the residential and commercial ESLs of 0.083 and 0.36 µg/m^3, respectively.

- 1,1,2,2-Tetrachloroethane was detected in indoor air sample, IA-8 at a concentration of 0.295 µg/m^3. 1,1,2,2-Tetrachloroethane was also detected in the ambient air sample AMB-1 at a concentration on 0.334 µg/m^3. While detected concentrations in the indoor air and ambient air exceed the residential and commercial ESLs of 0.048 and 0.21 µg/m^3, respectively, 1,1,2,2-tetrachloroethane is present in both ambient and indoor air at similar concentrations and magnitude, indicating the detected concentration of 1,1,2,2-tetrachloroethane observed in indoor air is likely representative of background conditions and not likely an indication of vapor intrusion at the Site.

- 1,2,4-Trichlorobenzene was detected in four indoor air samples (IA-5 though IA-8) at concentrations ranging from 0.0675 µg/m^3 to 5.59 µg/m^3. The maximum detected concentration in sample IA-6 exceeds the residential ESL of 2.1 µg/m^3. 1,2,4-Trichlorobenzene was detected in ambient sample AMB-2 at a concentration of 0.0786 µg/m^3, which is below the residential and commercial industrial ESLs of 2.1 µg/m^3 and 8.8 µg/m^3, respectively.

- 1,1,2-Trichloroethane was detected at maximum concentrations of 0.216 µg/m^3, 0.185 µg/m^3, and 1.33 µg/m^3 in samples IA-5, IA-7, and IA-8, respectively. The detected concentrations are above the residential and commercial/industrial ESLs of 0.18 µg/m^3 and 0.77 µg/m^3, respectively. 1,1,2-Trichloroethane was detected in ambient air AMB-2 at a concentration of 0.0786 µg/m^3, which is below the residential ESL of 0.18 µg/m^3.

- No additional VOCs were detected above laboratory PQLs in the four indoor air samples collected and analyzed.

5.0 SUMMARY AND CONCLUSIONS

227 N. 1st Street

AEI completed a Limited Phase II Subsurface and Vapor Intrusion Investigation at the Site to evaluate if the subsurface at the Site has been adversely impacted by the former on-Site operations which included dry cleaning, various printing operation, auto tire repair shop, and a potential UST at the Site. Investigation efforts included advancing two exploratory soil borings (SB-1 and SB-2) for the collection of soil samples. Additionally, AEI collected four crawl-space samples (CS-1 through CS-4), four indoor air samples (IA-1 through IA-4), and one ambient sample (AMB-1) to evaluate the indoor air quality within the Site building. The investigation results can be summarized as follows:

- During geophysical scanning, no UST was found.
- There was no visual or olfactory evidence (i.e., soil discoloration, odor) of potentially impacted soils observed in soils that were recovered during the drilling activities. The maximum PID reading was 1.1 ppm in boring SB-1 at 10 feet bgs.
- No VOCs were detected above their respective residential and commercial/industrial ESLs or above the laboratory RDLs in the four crawl space samples collected and analyzed. While benzene, carbon tetrachloride, chloroform, naphthalene, and 1,1,2,2-tetrachloroethane were detected in one or more indoor air samples at concentrations above the residential and commercial/industrial ESLs, the detections are likely attributed to ambient air conditions and not a vapor intrusion concern for the Site. Detections of PCE and 1,1,2-trichloroethane in indoor air samples were above the residential ESLs and were not detected in the ambient samples above their respective residential ESLs. Given that PCE and 1,1,2-trichloroethane were not detected in the four crawl space samples above the laboratory RDLs, the detections in indoor air above the residential ESLs therefore likely do not represent a vapor intrusion concern for the Site.

Based on the results summarized above, further investigation is not warranted.

240 N. 2nd Street

AEI completed a Vapor Intrusion Investigation at the Site to evaluate if the subsurface at the Site has been adversely impacted by the former military operations and potential hazardous substances and/or petroleum products at the Site. Investigation efforts included installing of four temporary sub-slab soil gas probes (SS-5 through SS-8) for the collection of soil gas samples. Additionally, AEI collected four indoor air samples (IA-5 through IA-8), and one ambient sample (AMB-2) to evaluate the indoor air quality within the Site building. The investigation results can be summarized as follows:

- Benzene was detected at concentrations of 12.7, 4.31, and 5.97 µg/m^3 in sub-slab soil gas samples SS-5, SS-6, and SS-8. The detected concentrations are above the residential ESLs of 3.2 µg/m^3. While benzene and naphthalene were detected in four indoor air samples at concentrations above the residential and commercial/industrial ESLs, the detections are likely attributed to ambient air conditions and not a vapor intrusion concern for the Site.

- Detections of bromodichloromethane, 1,2-dibromoethane, 1,4-dichlorobenzene, 1,4-dioxane, hexachlorobutadiene, naphthalene, 1,2,4-trichlorobenzene, and 1,1,2-trichloroethane in indoor air samples were above the residential ESLs and were not detected in the ambient samples above their respective residential ESLs. However, given that these compounds were not detected in the four sub-slab soil gas samples above the laboratory RDLs or above their respective residential and commercial/industrial ESLs, the detections in indoor air above the residential ESLs therefore likely do not represent a vapor intrusion concern for the Site. However, the concentrations of these chemicals detected in indoor air may pose an inhalation risk for the potential occupants of the Site.

Elevated concentrations of bromodichloromethane, 1,2-dibromoethane, 1,4-dichlorobenzene, 1,4-dioxane, hexachlorobutadiene, naphthalene, 1,2,4-trichlorobenzene, and 1,1,2-trichloroethane were identified in indoor air samples collected from the 240 North 2nd Street building. It should be noted that the source for these chemicals is unknown; however, they do not appear to be representative of vapor intrusion from the subsurface. At the time of sampling, building demolition was occurring and may have contributed to the elevated levels of VOCs detected in indoor air. Therefore, an additional air sampling investigation is recommended to further evaluate the indoor air at the Site for the identified chemicals following the completion of Site demolition activities.

6.0 REFERENCES

AEI, 2023, *Phase I Environmental Site Assessment, 227 N. 1st Street, San Jose, Santa Clara County, California 95112.* (AEI Project No. 475631), dated March 13.

AEI, 2023, *Phase I Environmental Site Assessment, 240 N. 2nd Street, San Jose Santa Clara County, California 95112.* (AEI Project No. 475630), dated March 13.

California Department of Toxic Substances Control, California Environmental Protection Agency, and Los Angeles and San Francisco Bay Regional Water Quality Control Boards, 2015. *Advisory, Active Soil Gas Investigations* dated July.

San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), 2019, *Environmental Screening Levels, revision 2*, dated July.

7.0 REPORT LIMITATIONS AND RELIANCE

This report presents a summary of work completed by AEI Consultants. The completed work includes observations and descriptions of site conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide the requested information, subject to scope of work for which AEI was retained and limitations inherent in this type of work, but it cannot be assumed that they are representative of areas not sampled. This report should not be regarded as a guarantee that no further contamination beyond that which could have been detected within the scope of this investigation is present beneath the Site. Undocumented, unauthorized releases of hazardous material, the remains of which are not readily identifiable by visual inspection and are of different chemical constituents, are difficult and often impossible to detect within the scope of a chemical specific investigation.

Any conclusions and/or recommendations are based on these analyses and observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document. These services were performed in accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work. No other warranty, either expressed or implied, has been made.

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8.0 SIGNATURES

This document was prepared by, or under the direction of, the undersigned.

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Senior Geologist

Figures

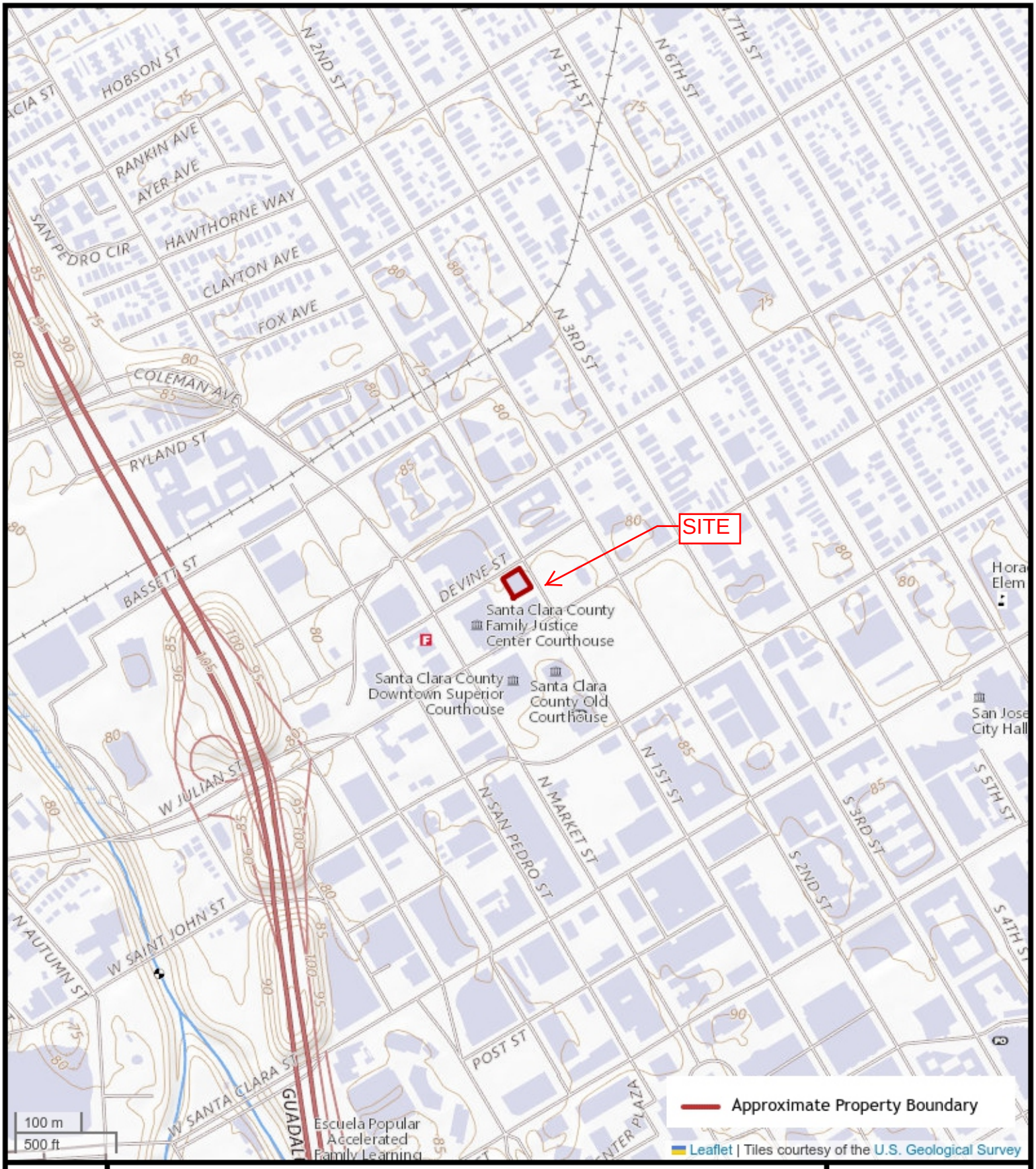

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FIGURE 1: SITE LOCATION MAP

227 North 1st Street, San Jose, California 95113 AEI
Project Number: 477886

AEI

N

FIGURE 2: SITE LOCATION MAP

240 North 2nd Street, San Jose, California 95112
AEI Project Number: 477886

AEI

0 18 36
SCALE: 1" = 36'

LEGEND

- Approximate Site Boundary
- Approximate Crawl Space Sample Location
- Approximate Indoor and Ambient Air Sample Location
- Approximate Soil Boring Location
- Possible UST Location

SITE MAP

AEI

227 North 1st Street
San Jose, California 95113

FIGURE 3
Project No. 477886

N

0 15 30
SCALE: 1" = 30'

LEGEND

- Approximate Site Boundary
- Approximate Sub-Slab Sample Location
- Approximate Indoor and Ambient Air Sample Location

SITE MAP

AEI

240 North 2nd Street
San Jose, California 95112

FIGURE 4
Project No. 477886

Tables

TABLE 1: SOIL SAMPLE DATA SUMMARY TPH & VOCs
227 N. 1st Street, San Jose, California

Location ID	Date	Depth (feet bgs)	TPH-g (mg/kg)	TPH-d (mg/kg)	TPH-mo (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	PCE (mg/kg)	Remaining VOCs (mg/kg)
SB-1-10	4/26/2023	10	<0.1	9.22 x	19.0	<0.01	<0.01	<0.01	<0.01	<0.01	<PQL
SB-2-10	4/26/2023	10	<0.1	4.98 x	8.66	<0.01	<0.01	<0.01	<0.01	<0.01	<PQL
Comparison Values:											
ESL Direct Exposure - R			430	260	12,000	0.33	1,100	5.9	580	0.59	Various
ESL Direct Exposure - C/I			2,000	1,200	180,000	1.4	5,300	26	2,500	2.7	Various

Notes:

mg/kg	Milligrams per kilogram
<PQL	Less than the laboratory practical quantitation limit
bgs	below ground surface
x	Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.
TPH-g	Total Petroleum Hydrocarbons as Gasoline
TPH-d	Total Petroleum Hydrocarbons as Diesel
TPH-mo	Total Petroleum Hydrocarbons as Motor Oil
PCE	Tetrachloroethylene
VOCs	Volatile Organic Compounds

Comparison Values:
ESL Direct Exposure - R: Environmental Screening Levels (ESLs) showing Direct Exposure Human Health Residential (R) Use exposure risks from July 2019 (Rev. 2) ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

ESL Direct Exposure - C/I: Environmental Screening Levels (ESLs) showing Direct Exposure Human Health Commercial/Industrial (C/I) Use exposure risks from July 2019 (Rev. 2) ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

TABLE 2: SOIL SAMPLE DATA SUMMARY - METALS
227 N. 1st Street, San Jose, California

Location ID	Date	Depth (feet bgs)	Cadmium (Cd) (mg/kg)	Chromium (Cr) (mg/kg)	Lead (Pb) (mg/kg)	Nickel (Ni) (mg/kg)	Zinc (Zn) (mg/kg)
SB-1-10	4/26/2023	10	<0.75	49	7.5	75	86
SB-2-10	4/26/2023	10	<0.75	45	6.5	71	48
Comparison Values:							
ESL Direct Exposure - R			78	--	80	820	23,000
ESL Direct Exposure - C/I			1,100	--	320	11,000	350,000
Maximum Background Concentrations			1.70	1,579	97.1	509	236

Notes:

mg/kg	Milligrams per kilogram
<0.75	Less than the laboratory practical quantitation limit
bgs	Below ground surface
--	Not established

Comparison Values:

ESL Direct Exposure - R: Environmental Screening Levels (ESLs) Direct Exposure Human Health Residential (R) Use exposure risks from July 2019 (Rev. 2) ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

ESL Direct Exposure - C/I: Environmental Screening Levels (ESLs) Direct Exposure Human Health Commerical/Industrial (C/I) Use exposure risks from July 2019 (Rev. 2) ESL Summary Tables prepared by the San Francisco Bay Regional Water Quality Control Board

Max. Background: Typical background concentrations provided here are based on "Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region" by Duvergé, D.J., dated December 2011 for arsenic and "Background Concentrations of Trace and Major Elements in California Soils" by Bradford, G.R., et. al., dated March 1996 for remaining metals.

TABLE 3: CRAWL SPACE AND SOIL GAS SAMPLE DATA SUMMARY
227 N. 1st Street and 240 N. 2nd Street, San Jose, California

Location ID	Date	Depth (feet bgs)	Benzene (µg/m³)	Toluene (µg/m³)	Ethylbenzene (µg/m³)	Xylenes (µg/m³)	PCE (µg/m³)	TCE (µg/m³)	trans-1,2-DCE (µg/m³)	Acetone (µg/m³)	Carbon disulfide (µg/m³)	Carbon Tetrachlorid (µg/m³)	Chloromethane (µg/m³)	Cyclohexane (µg/m³)	1,4-Dichloro-benzene (µg/m³)	Ethanol (µg/m³)	4-Ethyltoluene (µg/m³)	Trichlorofluoro-methane (µg/m³)	Dichlorodifluoro-methane (µg/m³)	Heptane (µg/m³)
227 N. 1st Street																				
CS-1	4/27/2023	crawl space	1.01	<1.88	<0.867	<2.597	<1.36	<1.07	<0.793	12.4	<0.622	<1.26	0.929	1.73	<1.20	15.6	<0.982	1.15	2.32	<0.818
CS-2	4/27/2023	crawl space	<0.639	<1.88	<0.867	<2.597	<1.36	<1.07	1.40	6.11	<0.622	<1.26	<0.413	<0.689	<1.20	24.1	<0.982	1.20	2.28	<0.818
CS-3	4/27/2023	crawl space	<0.639	<1.88	<0.867	<2.597	<1.36	<1.07	<0.793	3.26	<0.622	<1.26	<0.413	<0.689	<1.20	11.0	<0.982	1.30	2.40	<0.818
CS-4	4/27/2023	crawl space	<0.639	<1.88	<0.867	<2.597	<1.36	<1.07	<0.793	4.28	<0.622	<1.26	<0.413	<0.689	<1.20	24.5	<0.982	1.25	2.43	<0.818
240 N. 2nd Street																				
SS-5	4/27/2023	sub-slab	**12.7**	20.3	3.49	18.11	3.04	1.67	1.76	380 E	8.00	1.56	1.39	16.5	<1.20	479 E	2.98	14.7	2.44	<0.818
SS-6	4/27/2023	sub-slab	**4.31**	10.8	2.15	11.4	<1.36	<1.07	<0.793	492 E	<0.622	<1.26	0.917	5.96	<1.20	575 E	1.71	12.0	2.45	3.89
SS-7	4/27/2023	sub-slab	2.94	6.52	0.984	5.07	<1.36	<1.07	6.54	112	<0.622	1.88	0.758	11.9	<1.20	249 E	<0.982	4.98	2.51	<0.818
SS-8	4/27/2023	sub-slab	**5.97**	15.0	2.80	13.3	<1.36	<1.07	<0.793	815 E	<0.622	<1.26	1.43	6.96	1.35	398 E	2.12	11.3	2.38	<0.818
Comparison Values:																				
ESL Vapor Intrusion - R			3.2	10,000	37	3,500	15	16	2,800	1,100,000	--	16	3,100	--	8.5	--	--	--	--	--
ESL Vapor Intrusion - C/I			14	44,000	160	15,000	67	100	12,000	4,500,000	--	68	13,000	--	37	--	--	--	--	--

Notes:

µg/m³	micrograms per cubic meter
<RL	less than the laboratory reporting limit
NA	not applicable
bgs	below ground surface
--	not established
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
PCE	Tetrachloroethylene
TCE	Trichloroethylene
DCE	Dichloroethene
Bold/Red	Result exceeds a Comparison Value

Comparison Values:

ESL Vapor Intrusion - C/I: Environmental Screening Levels (ESLs) showing Subslab/Soil Gas Vapor Intrusion Human Health Risk Levels for the Commercial/Industrial Use (C/I) Exposure Scenario from July 2019 ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

ESL Vapor Intrusion - R: Environmental Screening Levels (ESLs) showing Subslab/Soil Gas Vapor Intrusion Human Health Risk Levels for the Residential (R) Use Exposure Scenario from July 2019 ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

TABLE 3: CRAWL SPACE AND SOIL GAS SAMPLE DATA SUMMARY
227 N. 1st Street and 240 N. 2nd Street, San Jose, California

Location ID	Date	Depth (feet bgs)	n-Hexane (µg/m³)	Methylene Chloride (µg/m³)	2-Butanone (µg/m³)	4-Methyl-2-Pentanone (MIBK) (µg/m³)	2-Propanol (µg/m³)	Styrene (µg/m³)	1,2,4-Trimethylbenzene (µg/m³)	1,3,5-Trimethylbenzene (µg/m³)	2,2,4-Trimethylpentane (µg/m³)	1,1-Difluoroethane (µg/m³)	Remaining VOCs (µg/m³)	Helium Detected in Sample (%)	Field Helium Shroud (%)	Maximum Allowable Helium Detection in Sample (%)
227 N. 1st Street																
CS-1	4/27/2023	crawl space	2.57	0.986	<3.69	<5.12	<3.07	<0.851	<0.982	<0.982	7.94	2.94	<RDL	NA	NA	NA
CS-2	4/27/2023	crawl space	<2.22	0.816	<3.69	<5.12	4.79	<0.851	<0.982	<0.982	<0.934	5.48	<RDL	NA	NA	NA
CS-3	4/27/2023	crawl space	<2.22	<0.694	<3.69	<5.12	<3.07	<0.851	<0.982	<0.982	<0.934	12.2	<RDL	NA	NA	NA
CS-4	4/27/2023	crawl space	<2.22	1.53	<3.69	<5.12	3.27	<0.851	<0.982	<0.982	<0.934	13.3	<RDL	NA	NA	NA
240 N. 2nd Street																
SS-5	4/27/2023	sub-slab	26.4	1.43	21.0	<5.12	<3.07	<0.851	3.34	1.54	<0.934	<2.70	2.71	<0.100	29.9	1.50%
SS-6	4/27/2023	sub-slab	19.4	6.70	26.4	<5.12	<3.07	<0.851	1.88	1.02	1.48	26.6	<RDL	<0.100	28.8	1.44%
SS-7	4/27/2023	sub-slab	3.46	14.2	7.67	<5.12	<3.07	<0.851	1.22	<0.982	<0.934	64.6	<RDL	<0.100	27.1	1.36%
SS-8	4/27/2023	sub-slab	10.5	10.1	88.5	57.3	<3.07	0.983	2.33	0.982	3.03	66.2	<RDL	<0.100	27.7	1.39%
Comparison Values:																
ESL Vapor Intrusion - R			--	34	170,000	100,000	--	31,000	--	--	--	--	Various	--	--	--
ESL Vapor Intrusion - C/I			--	410	730,000	440,000	--	130,000	--	--	--	--	Various	--	--	--

Notes:

µg/m³	micrograms per cubic meter
<RL	less than the laboratory reporting limit
NA	not applicable
bgs	below ground surface
--	not established
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
PCE	Tetrachloroethylene
TCE	Trichloroethylene
DCE	Dichloroethene
Bold	Result exceeds a Comparison Value

Comparison Values:

ESL Vapor Intrusion - C/I: Environmental Screening Levels (ESLs) showing Subslab/Soil Gas Vapor Intrusion Human Health Risk Levels for the Commercial/Industrial Use (C/I) Exposure Scenario from July 2019 ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

ESL Vapor Intrusion - R: Environmental Screening Levels (ESLs) showing Subslab/Soil Gas Vapor Intrusion Human Health Risk Levels for the Residential (R) Use Exposure Scenario from July 2019 ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

TABLE 4: AIR SAMPLE DATA SUMMARY
227 N. 1st Street and 240 N. 2nd Street, San Jose, California

Location ID	Date	Benzene (µg/m³)	Toluene (µg/m³)	Ethylbenzene (µg/m³)	Total Xylenes (µg/m³)	PCE (µg/m³)	TCE (µg/m³)	trans-1,2-DCE (µg/m³)	Vinyl Chloride (µg/m³)	Acetone (µg/m³)	Bromo-dichloro-methane (µg/m³)	Bromo-methane (µg/m³)	1,3-Butadiene (µg/m³)	tert-Butanol (µg/m³)	2-Butanone (µg/m³)	Carbon disulfide (µg/m³)	Carbon Tetrachloride (µg/m³)	Chlorobenzene (µg/m³)	Chloroethane (µg/m³)	Chloroform (µg/m³)	Chloromethane (µg/m³)
227 N. 1st Street																					
IA-1	4/27/2023	**0.865**	2.55	0.422	1.29	**0.602**	<0.0322	<0.0238	<0.00922	24.8	<0.0402	0.0466	0.109	0.887	12.8	1.82	0.468	<0.00552	0.0729	**0.170**	0.512
IA-2	4/27/2023	<0.0702	<0.0207	0.277	0.921	**0.477**	<0.0295	0.0218	<0.00845	7.33	<0.0369	0.0299	0.112	0.453	0.756	0.0889	**0.505**	0.0152	0.0203	**0.177**	0.417
IA-3	4/27/2023	**0.831**	<0.0226	0.318	1.10	**0.504**	<0.0322	<0.0238	<0.00922	11.7	<0.0402	0.0326	0.122	1.23	0.708	0.224	0.468	0.0166	<0.0158	**0.170**	0.442
IA-4	4/27/2023	**0.719**	<0.0207	0.291	1.03	0.373	<0.0295	<0.0218	<0.00845	10.8	<0.0369	0.0341	0.119	0.420	0.694	0.287	**0.498**	0.0101	<0.0145	**0.172**	0.469
AMB-1	4/27/2023	**1.00**	2.26	0.349	1.33	0.209	<0.0295	<0.0218	<0.00845	15.3	<0.0369	0.115	0.146	0.347	7.59	0.137	**0.526**	0.0101	0.0145	**0.156**	0.592
240 N. 2nd Street																					
IA-5	4/29/2023	**1.23**	5.39	0.625	2.46	0.186	<0.0295	<0.0218	<0.00845	20.8	**0.450**	0.0469	0.204	0.950	0.704	0.434	0.512	0.0152	0.171	**0.145**	1.02
IA-6	4/29/2023	**0.850**	4.41	1.55	7.57	0.176	0.0349	<0.0257	0.00998	19.0	**0.375**	0.0656	0.172	6.22	0.966	0.142	0.499	0.383	0.120	**0.140**	0.907
IA-7	4/29/2023	**1.49**	7.16	0.875	3.67	0.159	<0.349	<0.0257	<0.00998	21.3	**0.427**	0.0454	0.284	0.906	0.928	0.113	0.474	0.0179	0.0480	**0.146**	1.42
IA-8	4/29/2023	**0.523**	5.59	0.745	2.989	0.246	<0.0349	<0.0257	0.00998	68.3	**3.63**	0.0454	0.158	1.52	1.02	0.352	0.499	0.0299	<0.0172	**0.133**	0.549
AMB-2	4/29/2023	**0.649**	0.855	0.172	0.711	0.281	<0.0483	<0.0356	<0.0138	8.40	<0.0603	0.0489	0.0796	0.922	1.07	0.196	0.521	0.0166	0.0238	**0.123**	0.421
Comparison Values:																					
ESL Direct Exposure - R		0.097	310	1.1	100	0.46	0.48	83	0.0095	32,000	0.076	5.2	--	--	5,200	--	0.47	52	10,000	0.12	94
ESL Direct Exposure - C/I		0.42	1,300	4.90	440	2.0	3.0	350	0.16	140,000	0.33	22	--	--	22,000	--	2.0	220	44,000	0.53	390

Notes:

µg/m³	micrograms per cubic meter
<PQL	less than the laboratory practical quantitation limit
bgs	below ground surface
--	not established
PCE	Tetrachloroethylene
TCE	Trichloroethylene
DCE	Dichloroethene
ETBE	Ethyl tert-butyl ether
MTBE	Methyl tert-butyl ether
TAME	Tert-amyl methyl ether
VOCs	Volatile Organic Compounds
Bold/Red	Result exceeds a Comparison Value

Comparison Values:
ESL Direct Exposure - C/I: Environmental Screening Levels (ESLs) showing Direct Exposure Indoor Air Human Health Risk Levels for the Commercial/Industrial (C/I) Use Exposure Scenario from July 2019 (Rev. 2) ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

ESL Direct Esposure - R: Environmental Screening Levels (ESLs) showing Direct Exposure Indoor Air Human Health Risk Levels for the Residential (R) Use Exposure Scenario from July 2019 (Rev. 2) ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

TABLE 4: AIR SAMPLE DATA SUMMARY
227 N. 1st Street and 240 N. 2nd Street, San Jose, California

Location ID	Date	1,2-Dibromoethane (µg/m³)	1,2-Dichlorobenzene (µg/m³)	1,3-Dichlorobenzene (µg/m³)	1,4-Dichlorobenzene (µg/m³)	1,1-Dichloroethane (µg/m³)	1,2-Dichloroethane (µg/m³)	1,1-Dichloroethene (µg/m³)	1,2-Dichloropropane (µg/m³)	trans-1,3-Dichloropropene (µg/m³)	Diisopropyl ether (µg/m³)	1,4-Dioxane (µg/m³)	ETBE (µg/m³)	Ethyl Acetate (µg/m³)	4-Ethyl toluene (µg/m³)	Freon 113 (µg/m³)	Freon 114 (µg/m³)	Hexane (µg/m³)	2-Hexanone (µg/m³)
227 N. 1st Street																			
IA-1	4/27/2023	<0.0461	0.0361	<0.0361	0.130	<0.0243	0.0729	0.0905	<0.0277	<0.0272	<0.0251	0.194	0.0702	14.1	<0.0295	0.579	0.0923	0.473	3.10
IA-2	4/27/2023	<0.0422	<0.0331	<0.0331	0.0926	<0.0223	0.0802	0.0961	<0.0254	<0.0250	<0.0230	0.0515	0.0368	0.911	<0.0271	0.556	0.108	0.472	1.54
IA-3	4/27/2023	<0.0461	0.0361	0.0361	0.101	<0.0243	0.0778	0.100	<0.0277	<0.0272	<0.0251	0.0518	0.0301	1.02	0.472	0.533	0.101	0.422	2.31
IA-4	4/27/2023	<0.0422	<0.0331	<0.0331	0.0926	<0.0223	0.0802	0.100	<0.0254	<0.0250	<0.0230	0.0436	0.0322	0.990	<0.0271	0.556	0.1000	0.472	1.10
AMB-1	4/27/2023	<0.0422	<0.0331	<0.0331	0.0727	0.0114	0.0802	0.114	**0.457**	**1.40**	<0.0230	0.170	0.0368	8.47	<0.0271	0.573	0.1000	0.352	1.05
240 N. 2nd Street																			
IA-5	4/29/2023	<0.0422	0.0463	<0.0331	0.119	<0.0223	0.0757	0.0830	0.122	<0.0250	<0.0230	0.147	<0.230	1.54	<0.0271	0.565	0.108	1.70	4.78
IA-6	4/29/2023	<0.0499	5.16	3.75	**4.06**	<0.0263	0.0842	<0.0258	0.108	0.0413	1.16	**7.77**	0.0598	1.87	<0.0320	0.558	0.109	2.13	5.22
IA-7	4/29/2023	<0.0499	0.0469	0.0469	0.141	0.0527	0.0684	0.0774	0.114	<0.0295	<0.0272	0.164	<0.0272	2.21	<0.0230	0.548	0.109	2.11	5.01
IA-8	4/29/2023	**0.160**	0.0391	0.0469	**0.391**	<0.0263	0.0737	0.0723	<0.0300	<0.0295	<0.0272	0.0281	0.0706	1.39	<0.0320	0.548	0.109	3.94	52.3
AMB-2	4/29/2023	<0.0691	<0.0541	<0.0541	0.0757	<0.0365	0.0802	0.0858	<0.0416	<0.0409	<0.0376	0.0518	<0.0376	1.62	0.257	0.607	0.113	0.165	3.48
Comparison Values:																			
ESL Direct Exposure - R		0.0047	210	--	0.26	73	0.11	73	0.28	0.18	--	0.36	--	--	--	--	--	--	--
ESL Direct Exposure - C/I		0.02	880	--	1.1	310	0.47	310	1.2	0.77	--	1.6	--	--	--	--	--	--	--

Notes:

µg/m³	micrograms per cubic meter
<PQL	less than the laboratory practical quantitation limit
bgs	below ground surface
--	not established
PCE	Tetrachloroethylene
TCE	Trichloroethylene
DCE	Dichloroethene
ETBE	Ethyl tert-butyl ether
MTBE	Methyl tert-butyl ether
TAME	Tert-amyl methyl ether
VOCs	Volatile Organic Compounds
Bold/Red	Result exceeds a Comparison Value

Comparison Values:
ESL Direct Exposure - C/I: Environmental Screening Levels (ESLs) showing Direct Exposure Indoor Air Human Health Risk Levels for the Commercial/Industrial (C/I) Use Exposure Scenario from July 2019 (Rev. 2) ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

ESL Direct Esposure - R: Environmental Screening Levels (ESLs) showing Direct Exposure Indoor Air Human Health Risk Levels for the Residential (R) Use Exposure Scenario from July 2019 (Rev. 2) ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

TABLE 4: AIR SAMPLE DATA SUMMARY
227 N. 1st Street and 240 N. 2nd Street, San Jose, California

Location ID	Date	Hexachloro-butadiene (µg/m³)	Methylene Chloride (µg/m³)	MTBE (µg/m³)	Napthalene (µg/m³)	4-Methyl-2-Pentanone (MIBK) (µg/m³)	2-Propanol (µg/m³)	Styrene (µg/m³)	TAME (µg/m³)	1,1,2,2-Tetrachloroethane (µg/m³)	Tetrahydrofuran (µg/m³)	1,2,4-Trichlorobenzene (µg/m³)	1,1,2-Trichloroethane (µg/m³)	Trichlorofluoro-methane (µg/m³)	1,2,4-Trimethylbenzene (µg/m³)	1,3,5-Trimethylbenzene (µg/m³)	Vinyl Acetate (µg/m³)	Remaining VOCs (µg/m³)
227 N. 1st Street																		
IA-1	4/27/2023	<0.256	0.537	<0.0217	**0.685**	0.517	60.1	<0.0256	<0.0251	**0.124**	<0.0708	0.0801	0.0524	1.27	0.514	0.148	<0.0211	<PQL
IA-2	4/27/2023	<0.235	0.531	<0.0199	**0.363**	0.284	20.9	<0.0234	<0.0230	<0.0756	0.484	<0.0408	0.0721	1.37	0.379	0.108	<0.0194	<PQL
IA-3	4/27/2023	<0.256	0.500	<0.0217	**0.384**	0.325	11.0	<0.0256	<0.0251	<0.0824	0.485	0.0445	**0.249**	1.32	0.425	0.124	<0.0211	<PQL
IA-4	4/27/2023	<0.235	0.527	<0.0199	**0.375**	0.248	14.0	<0.0234	<0.0230	<0.0756	0.484	<0.0408	0.0961	1.37	0.482	0.146	<0.0194	<PQL
AMB-1	4/27/2023	<0.235	0.588	<0.0199	**3.00**	0.171	25.3	0.206	<0.0230	**0.219**	0.422	<0.0408	0.144	1.43	0.536	0.146	0.0736	<PQL
240 N. 2nd Street																		
IA-5	4/29/2023	<0.235	0.504	<0.0199	**1.03**	0.785	24.8	<0.0234	0.0368	<0.0756	0.649	0.106	**0.216**	19.4	1.42	0.373	<0.0194	<PQL
IA-6	4/29/2023	**9.15**	0.496	<0.0235	**6.40**	2.79	21.2	1.79	0.223	<0.0893	1.92	**5.59**	0.177	20.5	5.63	3.84	<0.0229	<PQL
IA-7	4/29/2023	<0.277	0.496		**0.940**	0.704	38.1	<0.0277	<0.0272	<0.0893	0.993	0.145	**0.185**	23.5	1.91	0.505	<0.0229	<PQL
IA-8	4/29/2023	<0.277	0.483	0.122	**1.75**	4.26	28.0	0.0609	<0.0272	**0.295**	2.02	0.0675	**1.33**	2.86	3.38	0.678	<0.0229	<PQL
AMB-2	4/29/2023	<0.384	0.512	<0.0325	**0.302**	0.236	17.1	<0.0383	<0.0376	**0.334**	0.366	0.107	0.0786	1.78	0.23	0.0797	<0.0317	<PQL
Comparison Values:																		
ESL Direct Exposure - R		0.13	1.0	11	0.083	3,100	--	940	--	0.048	--	2.1	0.18	--	--	--	--	Various
ESL Direct Exposure - C/I		0.56	12	47	0.36	13,000	--	3,900	--	0.21	--	8.8	0.77	--	--	--	--	Various

Notes:

µg/m³	micrograms per cubic meter
<PQL	less than the laboratory practical quantitation limit
bgs	below ground surface
--	not established
PCE	Tetrachloroethylene
TCE	Trichloroethylene
DCE	Dichloroethene
ETBE	Ethyl tert-butyl ether
MTBE	Methyl tert-butyl ether
TAME	Tert-amyl methyl ether
VOCs	Volatile Organic Compounds
Bold/Red	Result exceeds a Comparison Value

Comparison Values:
ESL Direct Exposure - C/I: Environmental Screening Levels (ESLs) showing Direct Exposure Indoor Air Human Health Risk Levels for the Commercial/Industrial (C/I) Use Exposure Scenario from July 2019 (Rev. 2) ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

ESL Direct Esposure - R: Environmental Screening Levels (ESLs) showing Direct Exposure Indoor Air Human Health Risk Levels for the Residential (R) Use Exposure Scenario from July 2019 (Rev. 2) ESL Summary Tables, prepared by the San Francisco Bay Regional Water Quality Control Board

Appendix A
Boring Logs

BORING NUMBER SB-1

CLIENT David J. Powers & Associates
PROJECT NAME Limited Vapor Intrusion Investigation
PROJECT NUMBER 477886
PROJECT LOCATION 227 N. 1st Street, San Jose, California
DATE STARTED 4/26/23 **COMPLETED** 4/26/23
GROUND ELEVATION _____ **HOLE SIZE** 2.25
DRILLING CONTRACTOR Environmental Control Assosicates
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING --- No groundwater encountered
LOGGED BY N. Budimirovic **CHECKED BY** C. Klock
AT END OF DRILLING ---
NOTES
AFTER DRILLING --- No groundwater ecnountered

DEPTH (ft)	SAMPLE TYPE NUMBER	Environmental Data	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0				ASPHALT
			0.5	
			0.8	GRAVELLY SILT (ML) dark yellowish brown (10YR 4/4), soft, moist, coarse grained gravel, no odor (FILL)
				GRAVELLY SILT (ML) with sand, olive brown (2.5Y 4/3), soft, moist, coarse grained gravel, fine grained sand, no odor
			1.5	
2.5				SILT (ML) very dark grayish brown (10YR 3/2), very stiff, moist, no odor
			3.5	
				CLAYEY SILT (ML) brown (10YR 4/4), medium stiff, moist, no odor
5.0	GB SB-1-5	PID = 0.8		
7.5	GB SB-1-8	PID = 0.7	8.0	
				SILT (ML) dark yellowish brown (10YR 4/4), soft, moist, no odor
10.0	GB SB-1-10	PID = 1.1	10.0	
				SANDY SILT (ML) dark yellowish brown (10YR 4/4), soft, moist, fine grained sand, no odor
			12.0	
12.5				CLAY (CL) brown (10YR 4/4), stiff, moist, low plasticity, no odor
			14.0	
				SANDY SILT (ML) brown (10YR 4/4), soft, moist, fine grained sand, no odor
15.0	GB SB-1-15	PID = 0.6	15.0	

Bottom of borehole at 15.0 feet.

BORING NUMBER SB-2

CLIENT David J. Powers & Associates
PROJECT NAME Limited Vapor Intrusion Investigation
PROJECT NUMBER 477886
PROJECT LOCATION 227 N. 1st Street, San Jose, California
DATE STARTED 4/26/23 **COMPLETED** 4/26/23
GROUND ELEVATION _____ **HOLE SIZE** 2.25
DRILLING CONTRACTOR Environmental Control Assosicates
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING --- No groundwater encountered
LOGGED BY N. Budimirovic **CHECKED BY** C. Klock
AT END OF DRILLING ---
NOTES
AFTER DRILLING --- No groundwater ecnountered

DEPTH (ft)	SAMPLE TYPE NUMBER	Environmental Data	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0				TOPOSOIL
			0.5	
			0.8	GRAVELLY SILT (ML) dark yellowish brown (10YR 4/4), soft, moist, coarse grained gravel, no odor (FILL)
				GRAVELLY SILT (ML) with sand, olive brown (2.5Y 4/3), soft, moist, coarse grained gravel, fine grained sand, no odor
			1.5	
2.5				SILT (ML) very dark grayish brown (10YR 3/2), very stiff, moist, no odor
			4.0	
				CLAYEY SILT (ML) brown (10YR 4/3), medium stiff, moist, no odor
5.0	GB SB-2-5	PID = 0.4		
7.5	GB SB-2-8	PID = 0.2	8.0	
				SILT (ML) dark yellowish brown (10YR 4/4), soft, moist, no odor
10.0	GB SB-2-10	PID = 0.7	10.5	
				SANDY SILT (ML) dark yellowish brown (10YR 4/4), soft, moist, fine grained sand, no odor
			12.0	
12.5				CLAY (CL) brown (10YR 4/3), stiff, moist, low plasticity, no odor
			14.0	
				SANDY SILT (ML) brown (10YR 4/3), soft, moist, fine grained sand, no odor
15.0	GB SB-2-15	PID = 0.5	15.0	

Bottom of borehole at 15.0 feet.

Appendix B

Laboratory Analytical Reports

AEI Consultants
2500 Camino Diablo
Walnut Creek, California 94597
Tel: 925-746-6048

RE: 227 N 1st St & 240 N 2nd St San Jose

Work Order No.: 2304217

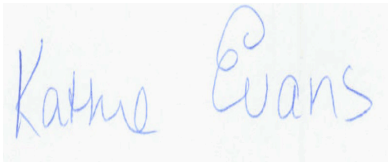
Dear Cade Klock:

Torrent Laboratory, Inc. received 8 sample(s) on April 26, 2023 for the analyses presented in the following Report.

Six samples are on hold.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.



Kathie Evans
Project Manager

May 02, 2023
Date

Date: 5/2/2023

Client: AEI Consultants

Project: 227 N 1st St & 240 N 2nd St San Jose

Work Order: 2304217

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Laboratory, Inc.

Analytical Comments for method 6010B, 2304217-003 MS/MSD, QC Preparation Batch ID 1150519, Note:The % recoveries for Zinc are outside of laboratory control limits. The associated LCS/LCSD is within both % Recovery and % RPD limits. No corrective action required.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Cade Klock
AEI Consultants

Date Received: 04/26/23
Date Reported: 05/02/23

SB-1-10 2304217-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chromium	SW6010B	1	0.045	5.0	49	mg/Kg
Lead	SW6010B	1	0.20	3.0	7.5	mg/Kg
Nickel	SW6010B	1	0.10	5.0	75	mg/Kg
Zinc	SW6010B	1	0.10	5.0	86	mg/Kg
TPH as Diesel	SW8015B	1	0.66	2.0	9.22	mg/Kg
TPH as Motor Oil	SW8015B	1	0.76	5.0	19.0	mg/Kg

SB-2-10 2304217-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chromium	SW6010B	1	0.045	5.0	45	mg/Kg
Lead	SW6010B	1	0.20	3.0	6.5	mg/Kg
Nickel	SW6010B	1	0.10	5.0	71	mg/Kg
Zinc	SW6010B	1	0.10	5.0	48	mg/Kg
TPH as Diesel	SW8015B	1	0.66	2.0	4.98	mg/Kg
TPH as Motor Oil	SW8015B	1	0.76	5.0	8.66	mg/Kg

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/26/23, 4:05 pm
Date Reported: 05/02/23

Client Sample ID:	SB-1-10	**Lab Sample ID:**	2304217-003A
Project Name/Location:	227 N 1st St & 240 N 2nd St San Jose	**Sample Matrix:**	Soil
Project Number:	477886		
Date/Time Sampled:	04/26/23 / 13:15		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	4/28/23 7:55:00PM
Prep Batch ID:	1150519	**Prep Analyst:**	TNGO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	0.75	ND		mg/Kg	05/01/23	13:51	AT	474259
Chromium	SW6010B	1	0.045	5.0	**49**		mg/Kg	05/01/23	13:51	AT	474259
Lead	SW6010B	1	0.20	3.0	**7.5**		mg/Kg	05/01/23	13:51	AT	474259
Nickel	SW6010B	1	0.10	5.0	**75**		mg/Kg	05/01/23	13:51	AT	474259
Zinc	SW6010B	1	0.10	5.0	**86**		mg/Kg	05/01/23	13:51	AT	474259

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/26/23, 4:05 pm
Date Reported: 05/02/23

Client Sample ID:	SB-1-10	**Lab Sample ID:**	2304217-003A
Project Name/Location:	227 N 1st St & 240 N 2nd St San Jose	**Sample Matrix:**	Soil
Project Number:	477886		
Date/Time Sampled:	04/26/23 / 13:15		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	4/27/23 4:05:00PM
Prep Batch ID:	1150465	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.66	2.0	**9.22**	x	mg/Kg	04/29/23	10:24	SN	474235
TPH as Motor Oil	SW8015B	1	0.76	5.0	**19.0**		mg/Kg	04/29/23	10:24	SN	474235
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**99.0**		%	04/29/23	10:24	SN	474235

NOTE: x- Diesel result due to over-lapping of oil range and unknown organics within diesel range quantified as diesel

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/26/23, 4:05 pm
Date Reported: 05/02/23

Client Sample ID:	SB-1-10	**Lab Sample ID:**	2304217-003A
Project Name/Location:	227 N 1st St & 240 N 2nd St San Jose	**Sample Matrix:**	Soil
Project Number:	477886		
Date/Time Sampled:	04/26/23 / 13:15		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	4/28/23 10:55:00AM
Prep Batch ID:	1150551	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/28/23	18:38	HV	474264
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/28/23	18:38	HV	474264
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/28/23	18:38	HV	474264
TBA	SW8260B	1	12	50	ND		ug/Kg	04/28/23	18:38	HV	474264
Diisopropyl ether	SW8260B	1	2.3	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Ethyl tert-Butyl ether	SW8260B	1	2.3	10	ND		ug/Kg	04/28/23	18:38	HV	474264
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/28/23	18:38	HV	474264
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/28/23	18:38	HV	474264
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Trichloroethene	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/28/23	18:38	HV	474264
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Tetrachloroethene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	18:38	HV	474264
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	18:38	HV	474264

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/26/23, 4:05 pm
Date Reported: 05/02/23

Client Sample ID:	SB-1-10	**Lab Sample ID:**	2304217-003A
Project Name/Location:	227 N 1st St & 240 N 2nd St San Jose	**Sample Matrix:**	Soil
Project Number:	477886		
Date/Time Sampled:	04/26/23 / 13:15		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	4/28/23 10:55:00AM
Prep Batch ID:	1150551	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	18:38	HV	474264
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/28/23	18:38	HV	474264
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	18:38	HV	474264
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	18:38	HV	474264
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	18:38	HV	474264
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	18:38	HV	474264
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/28/23	18:38	HV	474264
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	18:38	HV	474264
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	18:38	HV	474264
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/28/23	18:38	HV	474264
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	18:38	HV	474264
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	18:38	HV	474264
2-Butanone	SW8260B	1	2.3	10.0	ND		ug/Kg	04/28/23	18:38	HV	474264
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**72.9**		%	04/28/23	18:38	HV	474264
(S) Toluene-d8	SW8260B		55.2 - 133		**98.9**		%	04/28/23	18:38	HV	474264
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**97.8**		%	04/28/23	18:38	HV	474264

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/26/23, 4:05 pm
Date Reported: 05/02/23

Client Sample ID:	SB-1-10	**Lab Sample ID:**	2304217-003A
Project Name/Location:	227 N 1st St & 240 N 2nd St San Jose	**Sample Matrix:**	Soil
Project Number:	477886		
Date/Time Sampled:	04/26/23 / 13:15		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	4/28/23	10:55:00AM
Prep Batch ID:	1150552	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	43	100	ND		ug/Kg	04/28/23	18:38	HV	474264
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**84.4**		%	04/28/23	18:38	HV	474264

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/26/23, 4:05 pm
Date Reported: 05/02/23

Client Sample ID:	SB-2-10	**Lab Sample ID:**	2304217-007A
Project Name/Location:	227 N 1st St & 240 N 2nd St San Jose	**Sample Matrix:**	Soil
Project Number:	477886		
Date/Time Sampled:	04/26/23 / 13:45		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	4/28/23 7:55:00PM
Prep Batch ID:	1150519	**Prep Analyst:**	TNGO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Cadmium	SW6010B	1	0.10	0.75	ND		mg/Kg	05/01/23	13:56	AT	474259
Chromium	SW6010B	1	0.045	5.0	**45**		mg/Kg	05/01/23	13:56	AT	474259
Lead	SW6010B	1	0.20	3.0	**6.5**		mg/Kg	05/01/23	13:56	AT	474259
Nickel	SW6010B	1	0.10	5.0	**71**		mg/Kg	05/01/23	13:56	AT	474259
Zinc	SW6010B	1	0.10	5.0	**48**		mg/Kg	05/01/23	13:56	AT	474259

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/26/23, 4:05 pm
Date Reported: 05/02/23

Client Sample ID:	SB-2-10	**Lab Sample ID:**	2304217-007A
Project Name/Location:	227 N 1st St & 240 N 2nd St San Jose	**Sample Matrix:**	Soil
Project Number:	477886		
Date/Time Sampled:	04/26/23 / 13:45		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	4/27/23	4:05:00PM
Prep Batch ID:	1150465	**Prep Analyst:**	NDUM	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.66	2.0	**4.98**	x	mg/Kg	04/29/23	11:38	SN	474235
TPH as Motor Oil	SW8015B	1	0.76	5.0	**8.66**		mg/Kg	04/29/23	11:38	SN	474235
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		**48.3**		%	04/29/23	11:38	SN	474235

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/26/23, 4:05 pm
Date Reported: 05/02/23

Client Sample ID:	SB-2-10	**Lab Sample ID:**	2304217-007A
Project Name/Location:	227 N 1st St & 240 N 2nd St San Jose	**Sample Matrix:**	Soil
Project Number:	477886		
Date/Time Sampled:	04/26/23 / 13:45		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	4/28/23 10:55:00AM
Prep Batch ID:	1150551	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	04/28/23	19:10	HV	474264
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	04/28/23	19:10	HV	474264
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	04/28/23	19:10	HV	474264
TBA	SW8260B	1	12	50	ND		ug/Kg	04/28/23	19:10	HV	474264
Diisopropyl ether	SW8260B	1	2.3	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Ethyl tert-Butyl ether	SW8260B	1	2.3	10	ND		ug/Kg	04/28/23	19:10	HV	474264
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	04/28/23	19:10	HV	474264
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	04/28/23	19:10	HV	474264
TAME	SW8260B	1	2.3	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Trichloroethene	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	04/28/23	19:10	HV	474264
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Tetrachloroethene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	19:10	HV	474264
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	19:10	HV	474264

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/26/23, 4:05 pm
Date Reported: 05/02/23

Client Sample ID:	SB-2-10	**Lab Sample ID:**	2304217-007A
Project Name/Location:	227 N 1st St & 240 N 2nd St San Jose	**Sample Matrix:**	Soil
Project Number:	477886		
Date/Time Sampled:	04/26/23 / 13:45		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	4/28/23 10:55:00AM
Prep Batch ID:	1150551	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	19:10	HV	474264
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	04/28/23	19:10	HV	474264
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	19:10	HV	474264
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	19:10	HV	474264
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	04/28/23	19:10	HV	474264
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	19:10	HV	474264
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	04/28/23	19:10	HV	474264
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	04/28/23	19:10	HV	474264
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	19:10	HV	474264
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	04/28/23	19:10	HV	474264
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	19:10	HV	474264
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	04/28/23	19:10	HV	474264
2-Butanone	SW8260B	1	2.3	10.0	ND		ug/Kg	04/28/23	19:10	HV	474264
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**72.5**		%	04/28/23	19:10	HV	474264
(S) Toluene-d8	SW8260B		55.2 - 133		**99.7**		%	04/28/23	19:10	HV	474264
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**94.2**		%	04/28/23	19:10	HV	474264

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/26/23, 4:05 pm
Date Reported: 05/02/23

Client Sample ID:	SB-2-10	**Lab Sample ID:**	2304217-007A
Project Name/Location:	227 N 1st St & 240 N 2nd St San Jose	**Sample Matrix:**	Soil
Project Number:	477886		
Date/Time Sampled:	04/26/23 / 13:45		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	4/28/23	10:55:00AM
Prep Batch ID:	1150552	**Prep Analyst:**	HVYAS	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	43	100	ND		ug/Kg	04/28/23	19:10	HV	474264
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		**87.0**		%	04/28/23	19:10	HV	474264

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2304217	**Prep Method:**	3546_TPH	**Prep Date:**	04/27/23	**Prep Batch:**	1150465
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	4/27/2023	**Analytical Batch:**	474216
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.66	2.0	ND	
TPH as Motor Oil	0.76	5.0	1.92	
Pentacosane (S)			72.4	

Work Order:	2304217	**Prep Method:**	3050B	**Prep Date:**	04/28/23	**Prep Batch:**	1150519
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/1/2023	**Analytical Batch:**	474259
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Cadmium	0.10	0.750	ND	
Chromium	0.075	5.00	ND	
Lead	0.10	3.00	ND	
Nickel	0.50	5.00	ND	
Zinc	0.30	5.00	1.3	

Work Order:	2304217	**Prep Method:**	5035	**Prep Date:**	04/28/23	**Prep Batch:**	1150551
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/28/2023	**Analytical Batch:**	474264
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
TBA	12	50	ND	
Diisopropyl ether	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
Ethyl tert-Butyl ether	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2304217	**Prep Method:**	5035	**Prep Date:**	04/28/23	**Prep Batch:**	1150551
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/28/2023	**Analytical Batch:**	474264
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
1,1,1-Trichloroethane	2.1	10	ND		
1,1-Dichloropropene	2.0	10	ND		
Benzene	2.2	10	ND		
TAME	2.3	10	ND		
1,2-Dichloroethane	2.3	10	ND		
Trichloroethene	1.8	10	ND		
Dibromomethane	1.8	10	ND		
1,2-Dichloropropane	1.9	10	ND		
Bromodichloromethane	2.0	10	ND		
cis-1,3-Dichloropropene	1.6	10	ND		
Toluene	1.8	10	ND		
Tetrachloroethene	1.7	10	ND		
trans-1,3-Dichloropropene	1.6	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.9	10	ND		
1,3-Dichloropropane	1.8	10	ND		
1,2-Dibromoethane	1.8	10	ND		
Chlorobenzene	1.8	10	ND		
Ethylbenzene	1.7	10	ND		
1,1,1,2-Tetrachloroethane	1.9	10	ND		
m,p-Xylene	3.2	10	ND		
o-Xylene	1.7	10	ND		
Styrene	1.6	10	ND		
Bromoform	1.7	10	ND		
Isopropyl Benzene	1.6	10	ND		
n-Propylbenzene	1.6	10	ND		
Bromobenzene	1.8	10	ND		
1,1,2,2-Tetrachloroethane	1.9	10	ND		
2-Chlorotoluene	1.8	10	ND		
1,3,5-Trimethylbenzene	1.6	10	ND		
1,2,3-Trichloropropane	1.9	10	ND		
4-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.6	10	ND		
1,2,4-Trimethylbenzene	1.4	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.7	10	ND		
1,4-Dichlorobenzene	1.7	10	ND		
n-Butylbenzene	1.5	10	ND		
1,2-Dichlorobenzene	1.8	10	ND		
1,2-Dibromo-3-Chloropropane	1.8	10	ND		
Hexachlorobutadiene	1.4	10	ND		
1,2,4-Trichlorobenzene	1.5	10	ND		
Naphthalene	1.7	10	ND		
1,2,3-Trichlorobenzene	1.7	10	ND		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2304217	**Prep Method:**	5035	**Prep Date:**	04/28/23	**Prep Batch:**	1150551
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/28/2023	**Analytical Batch:**	474264
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
2-Butanone	2.3	10	ND		
MIBK	2.0	50	ND		
Hexachloroethane	5.0	10	ND		
1,4-Dioxane	100	200	ND		
2-Hexanone	5.0	20	ND		
Acetone	8.2	20	ND		
(S) Dibromofluoromethane			81.4		
(S) Toluene-d8			102		
(S) 4-Bromofluorobenzene			98.3		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2304217	**Prep Method:**	5035	**Prep Date:**	04/28/23	**Prep Batch:**	1150551
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/28/2023	**Analytical Batch:**	474264
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	120	1000	ND	
Chloromethane	180	1000	ND	
Vinyl Chloride	200	1000	ND	
Bromomethane	270	1000	ND	
Chloroethane	300	1000	ND	
Trichlorofluoromethane	210	1000	ND	
1,1-Dichloroethene	200	1000	ND	
Freon 113	190	1000	ND	
Methylene Chloride	710	1000	ND	
trans-1,2-Dichloroethene	210	1000	ND	
MTBE	230	1000	ND	
TBA	1200	5000	ND	
Diisopropyl ether	230	1000	ND	
1,1-Dichloroethane	220	1000	ND	
Ethyl tert-Butyl ether	230	1000	ND	
cis-1,2-Dichloroethene	220	1000	ND	
2,2-Dichloropropane	190	1000	ND	
Bromochloromethane	230	1000	ND	
Chloroform	240	1000	ND	
Carbon Tetrachloride	210	1000	ND	
1,1,1-Trichloroethane	210	1000	ND	
1,1-Dichloropropene	200	1000	ND	
Benzene	220	1000	ND	
TAME	230	1000	ND	
1,2-Dichloroethane	230	1000	ND	
Trichloroethene	180	1000	ND	
Dibromomethane	180	1000	ND	
1,2-Dichloropropane	190	1000	ND	
Bromodichloromethane	200	1000	ND	
cis-1,3-Dichloropropene	160	1000	ND	
Toluene	180	1000	ND	
Tetrachloroethene	170	1000	ND	
trans-1,3-Dichloropropene	160	1000	ND	
1,1,2-Trichloroethane	180	1000	ND	
Dibromochloromethane	190	1000	ND	
1,3-Dichloropropane	180	1000	ND	
1,2-Dibromoethane	180	1000	ND	
Chlorobenzene	180	1000	ND	
Ethylbenzene	170	1000	ND	
1,1,1,2-Tetrachloroethane	190	1000	ND	
m,p-Xylene	320	1000	ND	
o-Xylene	170	1000	ND	
Styrene	160	1000	ND	
Bromoform	170	1000	ND	
Isopropyl Benzene	160	1000	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2304217	**Prep Method:**	5035	**Prep Date:**	04/28/23	**Prep Batch:**	1150551
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/28/2023	**Analytical Batch:**	474264
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	160	1000	ND	
Bromobenzene	180	1000	ND	
1,1,2,2-Tetrachloroethane	190	1000	ND	
2-Chlorotoluene	180	1000	ND	
1,3,5-Trimethylbenzene	160	1000	ND	
1,2,3-Trichloropropane	190	1000	ND	
4-Chlorotoluene	160	1000	ND	
tert-Butylbenzene	160	1000	ND	
1,2,4-Trimethylbenzene	140	1000	ND	
sec-Butyl Benzene	160	1000	ND	
p-Isopropyltoluene	150	1000	ND	
1,3-Dichlorobenzene	170	1000	ND	
1,4-Dichlorobenzene	170	1000	ND	
n-Butylbenzene	150	1000	ND	
1,2-Dichlorobenzene	180	1000	ND	
1,2-Dibromo-3-Chloropropane	180	1000	ND	
Hexachlorobutadiene	140	1000	ND	
1,2,4-Trichlorobenzene	150	1000	ND	
Naphthalene	170	1000	ND	
1,2,3-Trichlorobenzene	170	1000	ND	
2-Butanone	230	1000	ND	
MIBK	200	5000	ND	
Hexachloroethane	500	1000	ND	
1,4-Dioxane	10000	20000	ND	
2-Hexanone	500	2000	ND	
Acetone	820	2000	ND	
(S) Dibromofluoromethane			99.9	
(S) Toluene-d8			92.3	
(S) 4-Bromofluorobenzene			104	

Work Order:	2304217	**Prep Method:**	5035GRO	**Prep Date:**	04/28/23	**Prep Batch:**	1150552
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	4/28/2023	**Analytical Batch:**	474264
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Gasoline	43	100	ND	
(S) 4-Bromofluorobenzene			98.3	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2304217	**Prep Method:**	5035GRO	**Prep Date:**	04/28/23	**Prep Batch:**	1150552
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	4/28/2023	**Analytical Batch:**	474264
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Gasoline	4300	10000	ND		
(S) 4-Bromofluorobenzene			76.2		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2304217	**Prep Method:**	3546_TPH	**Prep Date:**	04/27/23	**Prep Batch:**	1150465
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	4/27/2023	**Analytical Batch:**	474216
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.66	2.0		25.0	80.1	74.9	6.72	52 - 115	30	
Pentacosane (S)				200	121	119		45 - 130		

Work Order:	2304217	**Prep Method:**	3050B	**Prep Date:**	04/28/23	**Prep Batch:**	1150519
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/1/2023	**Analytical Batch:**	474259
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Cadmium	0.10	0.750	ND	50	95.1	94.4	0.844	80 - 120	30	
Chromium	0.075	5.00	ND	50	98.8	98.3	0.406	80 - 120	30	
Lead	0.10	3.00	ND	50	97.3	96.5	0.825	80 - 120	30	
Nickel	0.50	5.00	ND	50	96.8	96.0	0.830	80 - 120	30	
Zinc	0.30	5.00	1.3	50	96.6	93.5	14.5	80 - 120	30	

Work Order:	2304217	**Prep Method:**	5035	**Prep Date:**	04/28/23	**Prep Batch:**	1150551
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/28/2023	**Analytical Batch:**	474264
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	120	103	15.4	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	119	99.8	17.6	66.5 - 135	30	
Trichloroethene	1.8	10	ND	50.0	109	98.6	9.65	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	106	95.7	10.1	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	105	94.7	10.0	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	95.3	89.1		59.8 - 148		
(S) Toluene-d8				50.0	105	95.4		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	106	93.3		55.8 - 141		

Work Order:	2304217	**Prep Method:**	5035GRO	**Prep Date:**	04/28/23	**Prep Batch:**	1150552
Matrix:	Soil	**Analytical Method:**	SW8260B(TPH)	**Analyzed Date:**	4/28/2023	**Analytical Batch:**	474264
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100	ND	1000	91.3	91.0	0.329	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	93.2	100		43.9 - 127		

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2304217	**Prep Method:**	3050B	**Prep Date:**	04/28/23	**Prep Batch:**	1150519
Matrix:	**Soil**	**Analytical Method:**	SW6010B	**Analyzed Date:**	5/1/2023	**Analytical Batch:**	474259
Spiked Sample:	2304217-003A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Cadmium	0.10	0.25	ND	50	87.0	87.6	0.686	75 - 125	30	
Chromium	0.045	0.25	49.0	50	85.0	103	9.87	75 - 125	30	
Lead	0.20	0.50	7.50	50	88.0	91.0	2.87	75 - 125	30	
Nickel	0.10	0.25	75.0	50	81.0	93.0	5.04	75 - 125	30	
Zinc	0.10	0.25	86.0	50	163	16.0	56.5	75 - 125	30	S,R

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: AEI Consultants

Project Name: 227 N 1st St & 240 N 2nd St San Jose

Work Order No.: 2304217

Date and Time Received: 4/26/2023 4:05:00PM

Received By: tt

Physically Logged By: Lorna Imbat

Checklist Completed By: Lorna Imbat

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	4.0	°C
Water-VOA vials have zero headspace?	No VOA vials submitted			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: n/a

pH Adjusted by: n/a

Comments:

Login Summary Report

Client ID: TL5781 AEI Consultants
Project Name: 227 N 1st St & 240 N 2nd St San Jose
Project # : 477886
Report Due Date: 5/2/2023

QC Level: II
TAT Requested: 5+ day:5
Date Received: 4/26/2023
Time Received: 4:05 pm

Comments:

Work Order # : ***2304217***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2304217-001A	SB-1-5	04/26/23 13:05	Soil	10/23/23			Hold Samples	
2304217-002A	SB-1-8	04/26/23 13:10	Soil	10/23/23			Hold Samples	
2304217-003A	SB-1-10	04/26/23 13:15	Soil	10/23/23			VOC_S_GRO Met_S_LUFT 5 TPHDO_S_8015(Mod) VOC_S_8260B	
2304217-004A	SB-1-15	04/26/23 13:20	Soil	10/23/23			Hold Samples	
2304217-005A	SB-2-5	04/26/23 13:30	Soil	10/23/23			Hold Samples	
2304217-006A	SB-2-8	04/26/23 13:40	Soil	10/23/23			Hold Samples	
2304217-007A	SB-2-10	04/26/23 13:45	Soil	10/23/23			VOC_S_GRO Met_S_LUFT 5 TPHDO_S_8015(Mod) VOC_S_8260B	
2304217-008A	SB-2-15	04/26/23 13:50	Soil	10/23/23			Hold Samples	

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

Reset

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 2304217

Company Name: AEI Consultants ☐ Env. ☐ Non Env.
Project #: 477886 PO#: 334687
Address: 2500 Camino Diablo
Project Name: 227 N 1st St. & 240 N. 2nd. St., San Jose
City: Walnut Creek State: CA Zip Code: 94597
Comments:
Telephone: Cell: 408.442.2605
SAMPLER: Natasha Budimirovic
REPORT TO: Cade Kloole BILL TO: AEI Consultants
EMAIL: ckloole@aeiconsultants.com

TURNAROUND TIME:
☐ 2 - 8 Hours ☐ 2 Work Days ☑ 5 Work Days
☐ Noon - Nxt Day ☐ 3 Work Days ☐ 7 Work Days
☐ 1 Work Day ☐ 4 Work Days ☐ 10 Work Days

SAMPLE TYPE:
☐ Drinking Water ☐ Storm Water ☐ Air ☐ Waste Water ☐ Wipe ☐ Ground Water ☐ Other ☑ Soil ☐ Product / Bulk

REPORT FORMAT:
☐ Level II - Std. ☐ DoD/DoE Level III ☐ DoD/DoE Level III ☐ Excel - EDD ☐ EDF ☐ Client Specific EDD

ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	VOCs-8260B	TPH - 8015B	LUFT 5 Metals-6010B	HOLD	REMARKS
-001A		SB-1-5	4-26-23 / 1305	Soil	1					X	
-002A		SB-1-8	4/26/23 / 1340	Soil	1					X	
-003A		SB-1-10	4-26-23 / 1315	Soil	1		X	X	X		
-004A		SB-1-15	4-26-23 / 1320	Soil	1					X	
-005A		SB-2-5	4-26-23 / 1330	Soil	1					X	
-006A		SB-2-8	4-26-23 / 1340	Soil	1					X	
-007A		SB-2-10	4-26-23 / 1345	Soil	1		X	X	X		
-008A		SB-2-15	4/26/23 / 1350	Soil	1					X	

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1		Natasha Budimirovic	4-26-23			TAMMY CHACH	04/26/2023	16:05
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Cooler Temperature 3.9 °C #3 Samples Received on ice? Yes ☒ No ☐ Method of Shipment Drop off

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Page ___ of ___

QA-F-065, Rev 1.0, TLICD-959

AEI Consultants
2500 Camino Diablo
Walnut Creek, California 94597
Tel: 925-746-6048

RE: 227 N 1st St & 240 N 2nd St,San Jose

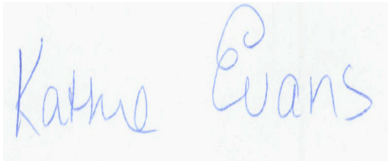
Work Order No.: 2304226

Dear Cade Klock:

Torrent Laboratory, Inc. received 5 sample(s) on April 27, 2023 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.



Kathie Evans
Project Manager

May 02, 2023
Date

Date: 5/2/2023

Client: AEI Consultants

Project: 227 N 1st St & 240 N 2nd St,San Jose

Work Order: 2304226

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Laboratory, Inc.

Note for method TO15SIM: Method Blank is only used for Instrument purpose. Canisters are self-certified, and the report for the individually tested canisters can be found on work order WO2304232

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Cade Klock
AEI Consultants

Date Received: 04/27/23
Date Reported: 05/02/23

IA-1 2304226-001

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Chloromethane	TO15 SIM	1.2	0.0104	0.0248	0.512
1,3-Butadiene	TO15 SIM	1.2	0.0264	0.0530	0.109
Bromomethane	TO15 SIM	1.2	0.00978	0.0233	0.0466
Chloroethane	TO15 SIM	1.2	0.00250	0.0158	0.0729
Trichlorofluoromethane	TO15 SIM	1.2	0.0146	0.0337	1.27
1,1-Dichloroethene	TO15 SIM	1.2	0.00805	0.0238	0.0905
tert-Butanol	TO15 SIM	1.2	0.0138	0.0364	0.887
Methylene Chloride	TO15 SIM	1.2	0.0174	0.0416	0.537
Freon 113	TO15 SIM	1.2	0.0155	0.0460	0.579
Carbon disulfide	TO15 SIM	1.2	0.00340	0.0187	1.82
Hexane	TO15 SIM	1.2	0.00541	0.0211	0.473
Chloroform	TO15 SIM	1.2	0.00972	0.0293	0.170
ETBE	TO15 SIM	1.2	0.00572	0.0251	0.0702
1,2-Dichloroethane (EDC)	TO15 SIM	1.2	0.00598	0.0243	0.0729
Carbon Tetrachloride	TO15 SIM	1.2	0.0102	0.0377	0.468
Benzene	TO15 SIM	1.2	0.0402	0.0766	0.865
1,4-Dioxane	TO15 SIM	1.2	0.0128	0.0216	0.194
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.2	0.00772	0.0246	0.517
1,1,2-Trichloroethane	TO15 SIM	1.2	0.00387	0.0328	0.0524
Toluene	TO15 SIM	1.2	0.00498	0.0226	2.55
2-Hexanone	TO15 SIM	1.2	0.0107	0.0246	3.10
Tetrachloroethylene	TO15 SIM	1.2	0.0308	0.0814	0.602
Ethyl Benzene	TO15 SIM	1.2	0.00281	0.0260	0.422
m,p-Xylene	TO15 SIM	1.2	0.00318	0.0521	1.29
1,1,2,2-tetrachloroethane	TO15 SIM	1.2	0.00280	0.0824	0.124
1,3,5-Trimethylbenzene	TO15 SIM	1.2	0.00425	0.0295	0.148
1,2,4-Trimethylbenzene	TO15 SIM	1.2	0.00401	0.0295	0.514
1,4-Dichlorobenzene	TO15 SIM	1.2	0.00620	0.0361	0.130
1,2-Dichlorobenzene	TO15 SIM	1.2	0.00678	0.0361	0.0361
1,2,4-Trichlorobenzene	TO15 SIM	1.2	0.0798	0.0445	0.0801
Naphthalene	TO15 SIM	1.2	0.00566	0.0314	0.685
Freon 114	TO15 SIM	1.2	0.0142	0.0419	0.0923
2-Propanol (Isopropyl Alcohol)	TO15 SIM	24	0.373	2.95	60.1
Acetone	TO15 SIM	24	0.617	1.14	24.8
2-Butanone (MEK)	TO15 SIM	24	0.0651	0.354	12.8
Ethyl Acetate	TO15 SIM	24	0.0795	0.432	14.1

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Cade Klock
AEI Consultants

Date Received: 04/27/23
Date Reported: 05/02/23

IA-2

2304226-002

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Chloromethane	TO15 SIM	1.1	0.00952	0.0228	0.417
1,3-Butadiene	TO15 SIM	1.1	0.0242	0.0486	0.112
Bromomethane	TO15 SIM	1.1	0.00896	0.0213	0.0299
Chloroethane	TO15 SIM	1.1	0.00229	0.0145	0.0203
Trichlorofluoromethane	TO15 SIM	1.1	0.0134	0.0309	1.37
1,1-Dichloroethene	TO15 SIM	1.1	0.00738	0.0218	0.0961
tert-Butanol	TO15 SIM	1.1	0.0126	0.0333	0.453
Methylene Chloride	TO15 SIM	1.1	0.0160	0.0382	0.531
Freon 113	TO15 SIM	1.1	0.0142	0.0421	0.556
Carbon disulfide	TO15 SIM	1.1	0.00311	0.0171	0.0889
trans-1,2-Dichloroethene	TO15 SIM	1.1	0.00409	0.0218	0.0218
Hexane	TO15 SIM	1.1	0.00496	0.0194	0.472
2-Butanone (MEK)	TO15 SIM	1.1	0.00299	0.0162	0.756
Ethyl Acetate	TO15 SIM	1.1	0.00364	0.0198	0.911
Chloroform	TO15 SIM	1.1	0.00891	0.0268	0.177
ETBE	TO15 SIM	1.1	0.00524	0.0230	0.0368
Tetrahydrofuran	TO15 SIM	1.1	0.0314	0.0649	0.484
1,2-Dichloroethane (EDC)	TO15 SIM	1.1	0.00548	0.0223	0.0802
Carbon Tetrachloride	TO15 SIM	1.1	0.00934	0.0346	0.505
1,4-Dioxane	TO15 SIM	1.1	0.0117	0.0198	0.0515
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.1	0.00708	0.0226	0.284
1,1,2-Trichloroethane	TO15 SIM	1.1	0.00354	0.0300	0.0721
2-Hexanone	TO15 SIM	1.1	0.00979	0.0226	1.54
Tetrachloroethylene	TO15 SIM	1.1	0.0283	0.0746	0.477
Chlorobenzene	TO15 SIM	1.1	0.00253	0.00506	0.0152
Ethyl Benzene	TO15 SIM	1.1	0.00258	0.0239	0.277
m,p-Xylene	TO15 SIM	1.1	0.00291	0.0477	0.921
1,3,5-Trimethylbenzene	TO15 SIM	1.1	0.00390	0.0271	0.108
1,2,4-Trimethylbenzene	TO15 SIM	1.1	0.00368	0.0271	0.379
1,4-Dichlorobenzene	TO15 SIM	1.1	0.00569	0.0331	0.0926
Naphthalene	TO15 SIM	1.1	0.00519	0.0288	0.363
Freon 114	TO15 SIM	1.1	0.0130	0.0384	0.108
2-Propanol (Isopropyl Alcohol)	TO15 SIM	22	0.342	2.71	20.9
Acetone	TO15 SIM	22	0.565	1.05	7.33

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Cade Klock
AEI Consultants

Date Received: 04/27/23
Date Reported: 05/02/23

IA-3

2304226-003

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Chloromethane	TO15 SIM	1.2	0.0104	0.0248	0.442
1,3-Butadiene	TO15 SIM	1.2	0.0264	0.0530	0.122
Bromomethane	TO15 SIM	1.2	0.00978	0.0233	0.0326
Trichlorofluoromethane	TO15 SIM	1.2	0.0146	0.0337	1.32
1,1-Dichloroethene	TO15 SIM	1.2	0.00805	0.0238	0.100
tert-Butanol	TO15 SIM	1.2	0.0138	0.0364	1.23
Methylene Chloride	TO15 SIM	1.2	0.0174	0.0416	0.500
Freon 113	TO15 SIM	1.2	0.0155	0.0460	0.533
Carbon disulfide	TO15 SIM	1.2	0.00340	0.0187	0.224
Hexane	TO15 SIM	1.2	0.00541	0.0211	0.422
2-Butanone (MEK)	TO15 SIM	1.2	0.00326	0.0177	0.708
Ethyl Acetate	TO15 SIM	1.2	0.00397	0.0216	1.02
Chloroform	TO15 SIM	1.2	0.00972	0.0293	0.170
ETBE	TO15 SIM	1.2	0.00572	0.0251	0.0301
Tetrahydrofuran	TO15 SIM	1.2	0.0343	0.0708	0.485
1,2-Dichloroethane (EDC)	TO15 SIM	1.2	0.00598	0.0243	0.0778
Carbon Tetrachloride	TO15 SIM	1.2	0.0102	0.0377	0.468
Benzene	TO15 SIM	1.2	0.0402	0.0766	0.831
1,4-Dioxane	TO15 SIM	1.2	0.0128	0.0216	0.0518
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.2	0.00772	0.0246	0.325
1,1,2-Trichloroethane	TO15 SIM	1.2	0.00387	0.0328	0.249
2-Hexanone	TO15 SIM	1.2	0.0107	0.0246	2.31
Tetrachloroethylene	TO15 SIM	1.2	0.0308	0.0814	0.504
Chlorobenzene	TO15 SIM	1.2	0.00276	0.00552	0.0166
Ethyl Benzene	TO15 SIM	1.2	0.00281	0.0260	0.318
m,p-Xylene	TO15 SIM	1.2	0.00318	0.0521	1.10
4-Ethyl toluene	TO15 SIM	1.2	0.00413	0.0295	0.472
1,3,5-Trimethylbenzene	TO15 SIM	1.2	0.00425	0.0295	0.124
1,2,4-Trimethylbenzene	TO15 SIM	1.2	0.00401	0.0295	0.425
1,4-Dichlorobenzene	TO15 SIM	1.2	0.00620	0.0361	0.101
1,2,4-Trichlorobenzene	TO15 SIM	1.2	0.0798	0.0445	0.0445
Naphthalene	TO15 SIM	1.2	0.00566	0.0314	0.384
Freon 114	TO15 SIM	1.2	0.0142	0.0419	0.101
2-Propanol (Isopropyl Alcohol)	TO15 SIM	24	0.373	2.95	11.0
Acetone	TO15 SIM	24	0.617	1.14	11.7

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Cade Klock
AEI Consultants

Date Received: 04/27/23
Date Reported: 05/02/23

IA-4

2304226-004

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Chloromethane	TO15 SIM	1.1	0.00952	0.0228	0.469
1,3-Butadiene	TO15 SIM	1.1	0.0242	0.0486	0.119
Bromomethane	TO15 SIM	1.1	0.00896	0.0213	0.0341
Trichlorofluoromethane	TO15 SIM	1.1	0.0134	0.0309	1.37
1,1-Dichloroethene	TO15 SIM	1.1	0.00738	0.0218	0.100
tert-Butanol	TO15 SIM	1.1	0.0126	0.0333	0.420
Methylene Chloride	TO15 SIM	1.1	0.0160	0.0382	0.527
Freon 113	TO15 SIM	1.1	0.0142	0.0421	0.556
Carbon disulfide	TO15 SIM	1.1	0.00311	0.0171	0.287
Hexane	TO15 SIM	1.1	0.00496	0.0194	0.472
2-Butanone (MEK)	TO15 SIM	1.1	0.00299	0.0162	0.694
Ethyl Acetate	TO15 SIM	1.1	0.00364	0.0198	0.990
Chloroform	TO15 SIM	1.1	0.00891	0.0268	0.172
ETBE	TO15 SIM	1.1	0.00524	0.0230	0.0322
Tetrahydrofuran	TO15 SIM	1.1	0.0314	0.0649	0.484
1,2-Dichloroethane (EDC)	TO15 SIM	1.1	0.00548	0.0223	0.0802
Carbon Tetrachloride	TO15 SIM	1.1	0.00934	0.0346	0.498
Benzene	TO15 SIM	1.1	0.0369	0.0702	0.719
1,4-Dioxane	TO15 SIM	1.1	0.0117	0.0198	0.0436
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.1	0.00708	0.0226	0.248
1,1,2-Trichloroethane	TO15 SIM	1.1	0.00354	0.0300	0.0961
2-Hexanone	TO15 SIM	1.1	0.00979	0.0226	1.10
Tetrachloroethylene	TO15 SIM	1.1	0.0283	0.0746	0.373
Chlorobenzene	TO15 SIM	1.1	0.00253	0.00506	0.0101
Ethyl Benzene	TO15 SIM	1.1	0.00258	0.0239	0.291
m,p-Xylene	TO15 SIM	1.1	0.00291	0.0477	1.03
1,3,5-Trimethylbenzene	TO15 SIM	1.1	0.00390	0.0271	0.146
1,2,4-Trimethylbenzene	TO15 SIM	1.1	0.00368	0.0271	0.482
1,4-Dichlorobenzene	TO15 SIM	1.1	0.00569	0.0331	0.0926
Naphthalene	TO15 SIM	1.1	0.00519	0.0288	0.375
Freon 114	TO15 SIM	1.1	0.0130	0.0384	0.1000
2-Propanol (Isopropyl Alcohol)	TO15 SIM	22	0.342	2.71	14.0
Acetone	TO15 SIM	22	0.565	1.05	10.8

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Cade Klock
AEI Consultants

Date Received: 04/27/23
Date Reported: 05/02/23

AMB-1 2304226-005

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Chloromethane	TO15 SIM	1.1	0.00952	0.0228	0.592
1,3-Butadiene	TO15 SIM	1.1	0.0242	0.0486	0.146
Bromomethane	TO15 SIM	1.1	0.00896	0.0213	0.115
Chloroethane	TO15 SIM	1.1	0.00229	0.0145	0.0145
Trichlorofluoromethane	TO15 SIM	1.1	0.0134	0.0309	1.43
1,1-Dichloroethene	TO15 SIM	1.1	0.00738	0.0218	0.114
tert-Butanol	TO15 SIM	1.1	0.0126	0.0333	0.347
Methylene Chloride	TO15 SIM	1.1	0.0160	0.0382	0.588
Freon 113	TO15 SIM	1.1	0.0142	0.0421	0.573
Carbon disulfide	TO15 SIM	1.1	0.00311	0.0171	0.137
Vinyl Acetate	TO15 SIM	1.1	0.00554	0.0194	0.0736
Hexane	TO15 SIM	1.1	0.00496	0.0194	0.352
Chloroform	TO15 SIM	1.1	0.00891	0.0268	0.156
ETBE	TO15 SIM	1.1	0.00524	0.0230	0.0368
Tetrahydrofuran	TO15 SIM	1.1	0.0314	0.0649	0.422
1,2-Dichloroethane (EDC)	TO15 SIM	1.1	0.00548	0.0223	0.0802
Carbon Tetrachloride	TO15 SIM	1.1	0.00934	0.0346	0.526
Benzene	TO15 SIM	1.1	0.0369	0.0702	1.00
1,2-Dichloropropane	TO15 SIM	1.1	0.00518	0.0254	0.457
1,4-Dioxane	TO15 SIM	1.1	0.0117	0.0198	0.170
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.1	0.00708	0.0226	0.171
1,1,2-Trichloroethane	TO15 SIM	1.1	0.00354	0.0300	0.144
Toluene	TO15 SIM	1.1	0.00456	0.0207	2.26
2-Hexanone	TO15 SIM	1.1	0.00979	0.0226	1.05
Tetrachloroethylene	TO15 SIM	1.1	0.0283	0.0746	0.209
Chlorobenzene	TO15 SIM	1.1	0.00253	0.00506	0.0101
Ethyl Benzene	TO15 SIM	1.1	0.00258	0.0239	0.349
m,p-Xylene	TO15 SIM	1.1	0.00291	0.0477	1.33
Styrene	TO15 SIM	1.1	0.00342	0.0234	0.206
1,1,2,2-tetrachloroethane	TO15 SIM	1.1	0.00257	0.0756	0.219
1,3,5-Trimethylbenzene	TO15 SIM	1.1	0.00390	0.0271	0.146
1,2,4-Trimethylbenzene	TO15 SIM	1.1	0.00368	0.0271	0.536
1,4-Dichlorobenzene	TO15 SIM	1.1	0.00569	0.0331	0.0727
Freon 114	TO15 SIM	1.1	0.0130	0.0384	0.1000
2-Propanol (Isopropyl Alcohol)	TO15 SIM	22	0.342	2.71	25.3
Acetone	TO15 SIM	22	0.565	1.05	15.3
2-Butanone (MEK)	TO15 SIM	22	0.0597	0.325	7.59
Ethyl Acetate	TO15 SIM	22	0.0729	0.396	8.47
trans-1,3-Dichloropropene	TO15 SIM	22	0.0879	0.499	1.40
Naphthalene	TO15 SIM	22	0.104	0.576	3.00

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/27/23, 4:15 pm
Date Reported: 05/02/23

Client Sample ID:	IA-1	**Lab Sample ID:**	2304226-001A
Project Name/Location:	227 N 1st St & 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/27/23 / 8:05	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO-15SIM-P	**Prep Batch Date/Time:**	4/27/23	3:00:00PM
Prep Batch ID:	1150506	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15 SIM	1.20	0.0213	0.0594	ND	ND		04/27/23	19:39	BA	474230
Chloromethane	TO15 SIM	1.20	0.0104	0.0248	0.512	0.25		04/27/23	19:39	BA	474230
Vinyl Chloride	TO15 SIM	1.20	0.00439	0.00922	ND	ND		04/27/23	19:39	BA	474230
1,3-Butadiene	TO15 SIM	1.20	0.0264	0.0530	0.109	0.05		04/27/23	19:39	BA	474230
Bromomethane	TO15 SIM	1.20	0.00978	0.0233	0.0466	0.01		04/27/23	19:39	BA	474230
Chloroethane	TO15 SIM	1.20	0.00250	0.0158	0.0729	0.03		04/27/23	19:39	BA	474230
Trichlorofluoromethane	TO15 SIM	1.20	0.0146	0.0337	1.27	0.23		04/27/23	19:39	BA	474230
1,1-Dichloroethene	TO15 SIM	1.20	0.00805	0.0238	0.0905	0.02		04/27/23	19:39	BA	474230
tert-Butanol	TO15 SIM	1.20	0.0138	0.0364	0.887	0.29		04/27/23	19:39	BA	474230
Methylene Chloride	TO15 SIM	1.20	0.0174	0.0416	0.537	0.15		04/27/23	19:39	BA	474230
Freon 113	TO15 SIM	1.20	0.0155	0.0460	0.579	0.08		04/27/23	19:39	BA	474230
Carbon disulfide	TO15 SIM	1.20	0.00340	0.0187	1.82	0.59		04/27/23	19:39	BA	474230
trans-1,2-Dichloroethene	TO15 SIM	1.20	0.00447	0.0238	ND	ND		04/27/23	19:39	BA	474230
MTBE	TO15 SIM	1.20	0.00745	0.0217	ND	ND		04/27/23	19:39	BA	474230
1,1-Dichloroethane	TO15 SIM	1.20	0.00598	0.0243	ND	ND		04/27/23	19:39	BA	474230
Vinyl Acetate	TO15 SIM	1.20	0.00604	0.0211	ND	ND		04/27/23	19:39	BA	474230
Hexane	TO15 SIM	1.20	0.00541	0.0211	0.473	0.13		04/27/23	19:39	BA	474230
Diisopropyl ether (DIPE)	TO15 SIM	1.20	0.00527	0.0251	ND	ND		04/27/23	19:39	BA	474230
cis-1,2-Dichloroethene	TO15 SIM	1.20	0.00485	0.0238	ND	ND		04/27/23	19:39	BA	474230
Chloroform	TO15 SIM	1.20	0.00972	0.0293	0.170	0.03		04/27/23	19:39	BA	474230
ETBE	TO15 SIM	1.20	0.00572	0.0251	0.0702	0.02		04/27/23	19:39	BA	474230
Tetrahydrofuran	TO15 SIM	1.20	0.0343	0.0708	ND	ND		04/27/23	19:39	BA	474230
1,2-Dichloroethane (EDC)	TO15 SIM	1.20	0.00598	0.0243	0.0729	0.02		04/27/23	19:39	BA	474230
1,1,1-Trichloroethane	TO15 SIM	1.20	0.00983	0.0328	ND	ND		04/27/23	19:39	BA	474230
Carbon Tetrachloride	TO15 SIM	1.20	0.0102	0.0377	0.468	0.07		04/27/23	19:39	BA	474230
Benzene	TO15 SIM	1.20	0.0402	0.0766	0.865	0.27		04/27/23	19:39	BA	474230
TAME	TO15 SIM	1.20	0.00296	0.0251	ND	ND		04/27/23	19:39	BA	474230
1,2-Dichloropropane	TO15 SIM	1.20	0.00565	0.0277	ND	ND		04/27/23	19:39	BA	474230
Trichloroethylene	TO15 SIM	1.20	0.0134	0.0322	ND	ND		04/27/23	19:39	BA	474230
Bromodichloromethane	TO15 SIM	1.20	0.00667	0.0402	ND	ND		04/27/23	19:39	BA	474230
1,4-Dioxane	TO15 SIM	1.20	0.0128	0.0216	0.194	0.05		04/27/23	19:39	BA	474230
cis-1,3-Dichloropropene	TO15 SIM	1.20	0.00430	0.0272	ND	ND		04/27/23	19:39	BA	474230
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.20	0.00772	0.0246	0.517	0.13		04/27/23	19:39	BA	474230
trans-1,3-Dichloropropene	TO15 SIM	1.20	0.00479	0.0272	ND	ND		04/27/23	19:39	BA	474230
1,1,2-Trichloroethane	TO15 SIM	1.20	0.00387	0.0328	0.0524	0.01		04/27/23	19:39	BA	474230
Toluene	TO15 SIM	1.20	0.00498	0.0226	2.55	0.68		04/27/23	19:39	BA	474230
2-Hexanone	TO15 SIM	1.20	0.0107	0.0246	3.10	0.76		04/27/23	19:39	BA	474230

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/27/23, 4:15 pm
Date Reported: 05/02/23

Client Sample ID:	IA-1	**Lab Sample ID:**	2304226-001A
Project Name/Location:	227 N 1st St & 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/27/23 / 8:05	**Certified Clean WO # :**	
Canister/Tube ID:		**Received PSI :**	
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 4/27/23 3:00:00PM
Prep Batch ID: 1150506 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dibromochloromethane	TO15 SIM	1.20	0.0257	0.0511	ND	ND		04/27/23	19:39	BA	474230
1,2-Dibromoethane (EDB)	TO15 SIM	1.20	0.00498	0.0461	ND	ND		04/27/23	19:39	BA	474230
Tetrachloroethylene	TO15 SIM	1.20	0.0308	0.0814	0.602	0.09		04/27/23	19:39	BA	474230
1,1,1,2-Tetrachloroethane	TO15 SIM	1.20	0.0107	0.0412	ND	ND		04/27/23	19:39	BA	474230
Chlorobenzene	TO15 SIM	1.20	0.00276	0.00552	ND	ND		04/27/23	19:39	BA	474230
Ethyl Benzene	TO15 SIM	1.20	0.00281	0.0260	0.422	0.10		04/27/23	19:39	BA	474230
m,p-Xylene	TO15 SIM	1.20	0.00318	0.0521	1.29	0.30		04/27/23	19:39	BA	474230
Bromoform	TO15 SIM	1.20	0.0409	0.124	ND	ND		04/27/23	19:39	BA	474230
Styrene	TO15 SIM	1.20	0.00373	0.0256	ND	ND		04/27/23	19:39	BA	474230
1,1,2,2-tetrachloroethane	TO15 SIM	1.20	0.00280	0.0824	0.124	0.02		04/27/23	19:39	BA	474230
o-Xylene	TO15 SIM	1.20	0.00266	0.0260	ND	ND		04/27/23	19:39	BA	474230
4-Ethyl toluene	TO15 SIM	1.20	0.00413	0.0295	ND	ND		04/27/23	19:39	BA	474230
1,3,5-Trimethylbenzene	TO15 SIM	1.20	0.00425	0.0295	0.148	0.03		04/27/23	19:39	BA	474230
1,2,4-Trimethylbenzene	TO15 SIM	1.20	0.00401	0.0295	0.514	0.10		04/27/23	19:39	BA	474230
1,3-Dichlorobenzene	TO15 SIM	1.20	0.00678	0.0361	ND	ND		04/27/23	19:39	BA	474230
1,4-Dichlorobenzene	TO15 SIM	1.20	0.00620	0.0361	0.130	0.02		04/27/23	19:39	BA	474230
1,2-Dichlorobenzene	TO15 SIM	1.20	0.00678	0.0361	0.0361	0.01		04/27/23	19:39	BA	474230
1,2,4-Trichlorobenzene	TO15 SIM	1.20	0.0798	0.0445	0.0801	0.01		04/27/23	19:39	BA	474230
Naphthalene	TO15 SIM	1.20	0.00566	0.0314	0.685	0.13		04/27/23	19:39	BA	474230
Hexachlorobutadiene	TO15 SIM	1.20	0.127	0.256	ND	ND		04/27/23	19:39	BA	474230
Freon 114	TO15 SIM	1.20	0.0142	0.0419	0.0923	0.01		04/27/23	19:39	BA	474230

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 4/27/23 3:00:00PM
Prep Batch ID: 1150506 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Propanol (Isopropyl Alcohol)	TO15 SIM	24.00	0.373	2.95	60.1	24.43		04/27/23	22:44	BA	474230
Acetone	TO15 SIM	24.00	0.617	1.14	24.8	10.42		04/27/23	22:44	BA	474230
2-Butanone (MEK)	TO15 SIM	24.00	0.0651	0.354	12.8	4.34		04/27/23	22:44	BA	474230
Ethyl Acetate	TO15 SIM	24.00	0.0795	0.432	14.1	3.92		04/27/23	22:44	BA	474230

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/27/23, 4:15 pm
Date Reported: 05/02/23

Client Sample ID:	IA-2	**Lab Sample ID:**	2304226-002A
Project Name/Location:	227 N 1st St & 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/27/23 / 8:09	**Certified Clean WO # :**	
Canister/Tube ID:	38451	**Received PSI :**	
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO-15SIM-P	**Prep Batch Date/Time:**	4/27/23 3:00:00PM
Prep Batch ID:	1150506	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15 SIM	1.10	0.0195	0.0545	ND	ND		04/27/23	20:18	BA	474230
Chloromethane	TO15 SIM	1.10	0.00952	0.0228	0.417	0.20		04/27/23	20:18	BA	474230
Vinyl Chloride	TO15 SIM	1.10	0.00403	0.00845	ND	ND		04/27/23	20:18	BA	474230
1,3-Butadiene	TO15 SIM	1.10	0.0242	0.0486	0.112	0.05		04/27/23	20:18	BA	474230
Bromomethane	TO15 SIM	1.10	0.00896	0.0213	0.0299	0.01		04/27/23	20:18	BA	474230
Chloroethane	TO15 SIM	1.10	0.00229	0.0145	0.0203	0.01		04/27/23	20:18	BA	474230
Trichlorofluoromethane	TO15 SIM	1.10	0.0134	0.0309	1.37	0.24		04/27/23	20:18	BA	474230
1,1-Dichloroethene	TO15 SIM	1.10	0.00738	0.0218	0.0961	0.02		04/27/23	20:18	BA	474230
tert-Butanol	TO15 SIM	1.10	0.0126	0.0333	0.453	0.15		04/27/23	20:18	BA	474230
Methylene Chloride	TO15 SIM	1.10	0.0160	0.0382	0.531	0.15		04/27/23	20:18	BA	474230
Freon 113	TO15 SIM	1.10	0.0142	0.0421	0.556	0.07		04/27/23	20:18	BA	474230
Carbon disulfide	TO15 SIM	1.10	0.00311	0.0171	0.0889	0.03		04/27/23	20:18	BA	474230
trans-1,2-Dichloroethene	TO15 SIM	1.10	0.00409	0.0218	0.0218	0.01		04/27/23	20:18	BA	474230
MTBE	TO15 SIM	1.10	0.00683	0.0199	ND	ND		04/27/23	20:18	BA	474230
1,1-Dichloroethane	TO15 SIM	1.10	0.00548	0.0223	ND	ND		04/27/23	20:18	BA	474230
Vinyl Acetate	TO15 SIM	1.10	0.00554	0.0194	ND	ND		04/27/23	20:18	BA	474230
Hexane	TO15 SIM	1.10	0.00496	0.0194	0.472	0.13		04/27/23	20:18	BA	474230
2-Butanone (MEK)	TO15 SIM	1.10	0.00299	0.0162	0.756	0.26		04/27/23	20:18	BA	474230
Diisopropyl ether (DIPE)	TO15 SIM	1.10	0.00483	0.0230	ND	ND		04/27/23	20:18	BA	474230
cis-1,2-Dichloroethene	TO15 SIM	1.10	0.00444	0.0218	ND	ND		04/27/23	20:18	BA	474230
Ethyl Acetate	TO15 SIM	1.10	0.00364	0.0198	0.911	0.25		04/27/23	20:18	BA	474230
Chloroform	TO15 SIM	1.10	0.00891	0.0268	0.177	0.04		04/27/23	20:18	BA	474230
ETBE	TO15 SIM	1.10	0.00524	0.0230	0.0368	0.01		04/27/23	20:18	BA	474230
Tetrahydrofuran	TO15 SIM	1.10	0.0314	0.0649	0.484	0.16		04/27/23	20:18	BA	474230
1,2-Dichloroethane (EDC)	TO15 SIM	1.10	0.00548	0.0223	0.0802	0.02		04/27/23	20:18	BA	474230
1,1,1-Trichloroethane	TO15 SIM	1.10	0.00901	0.0300	ND	ND		04/27/23	20:18	BA	474230
Carbon Tetrachloride	TO15 SIM	1.10	0.00934	0.0346	0.505	0.08		04/27/23	20:18	BA	474230
Benzene	TO15 SIM	1.10	0.0369	0.0702	ND	ND		04/27/23	20:18	BA	474230
TAME	TO15 SIM	1.10	0.00271	0.0230	ND	ND		04/27/23	20:18	BA	474230
1,2-Dichloropropane	TO15 SIM	1.10	0.00518	0.0254	ND	ND		04/27/23	20:18	BA	474230
Trichloroethylene	TO15 SIM	1.10	0.0123	0.0295	ND	ND		04/27/23	20:18	BA	474230
Bromodichloromethane	TO15 SIM	1.10	0.00612	0.0369	ND	ND		04/27/23	20:18	BA	474230
1,4-Dioxane	TO15 SIM	1.10	0.0117	0.0198	0.0515	0.01		04/27/23	20:18	BA	474230
cis-1,3-Dichloropropene	TO15 SIM	1.10	0.00395	0.0250	ND	ND		04/27/23	20:18	BA	474230
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.10	0.00708	0.0226	0.284	0.07		04/27/23	20:18	BA	474230
trans-1,3-Dichloropropene	TO15 SIM	1.10	0.00439	0.0250	ND	ND		04/27/23	20:18	BA	474230
1,1,2-Trichloroethane	TO15 SIM	1.10	0.00354	0.0300	0.0721	0.01		04/27/23	20:18	BA	474230

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/27/23, 4:15 pm
Date Reported: 05/02/23

Client Sample ID:	IA-2	**Lab Sample ID:**	2304226-002A
Project Name/Location:	227 N 1st St & 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/27/23 / 8:09	**Certified Clean WO # :**	
Canister/Tube ID:	38451	**Received PSI :**	
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO-15SIM-P
Prep Batch ID: 1150506
Prep Batch Date/Time: 4/27/23 3:00:00PM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Toluene	TO15 SIM	1.10	0.00456	0.0207	ND	ND		04/27/23	20:18	BA	474230
2-Hexanone	TO15 SIM	1.10	0.00979	0.0226	1.54	0.38		04/27/23	20:18	BA	474230
Dibromochloromethane	TO15 SIM	1.10	0.0235	0.0469	ND	ND		04/27/23	20:18	BA	474230
1,2-Dibromoethane (EDB)	TO15 SIM	1.10	0.00456	0.0422	ND	ND		04/27/23	20:18	BA	474230
Tetrachloroethylene	TO15 SIM	1.10	0.0283	0.0746	0.477	0.07		04/27/23	20:18	BA	474230
1,1,1,2-Tetrachloroethane	TO15 SIM	1.10	0.00982	0.0378	ND	ND		04/27/23	20:18	BA	474230
Chlorobenzene	TO15 SIM	1.10	0.00253	0.00506	0.0152	0.00		04/27/23	20:18	BA	474230
Ethyl Benzene	TO15 SIM	1.10	0.00258	0.0239	0.277	0.06		04/27/23	20:18	BA	474230
m,p-Xylene	TO15 SIM	1.10	0.00291	0.0477	0.921	0.21		04/27/23	20:18	BA	474230
Bromoform	TO15 SIM	1.10	0.0375	0.114	ND	ND		04/27/23	20:18	BA	474230
Styrene	TO15 SIM	1.10	0.00342	0.0234	ND	ND		04/27/23	20:18	BA	474230
1,1,2,2-tetrachloroethane	TO15 SIM	1.10	0.00257	0.0756	ND	ND		04/27/23	20:18	BA	474230
o-Xylene	TO15 SIM	1.10	0.00243	0.0239	ND	ND		04/27/23	20:18	BA	474230
4-Ethyl toluene	TO15 SIM	1.10	0.00379	0.0271	ND	ND		04/27/23	20:18	BA	474230
1,3,5-Trimethylbenzene	TO15 SIM	1.10	0.00390	0.0271	0.108	0.02		04/27/23	20:18	BA	474230
1,2,4-Trimethylbenzene	TO15 SIM	1.10	0.00368	0.0271	0.379	0.08		04/27/23	20:18	BA	474230
1,3-Dichlorobenzene	TO15 SIM	1.10	0.00621	0.0331	ND	ND		04/27/23	20:18	BA	474230
1,4-Dichlorobenzene	TO15 SIM	1.10	0.00569	0.0331	0.0926	0.02		04/27/23	20:18	BA	474230
1,2-Dichlorobenzene	TO15 SIM	1.10	0.00621	0.0331	ND	ND		04/27/23	20:18	BA	474230
1,2,4-Trichlorobenzene	TO15 SIM	1.10	0.0731	0.0408	ND	ND		04/27/23	20:18	BA	474230
Naphthalene	TO15 SIM	1.10	0.00519	0.0288	0.363	0.07		04/27/23	20:18	BA	474230
Hexachlorobutadiene	TO15 SIM	1.10	0.117	0.235	ND	ND		04/27/23	20:18	BA	474230
Freon 114	TO15 SIM	1.10	0.0130	0.0384	0.108	0.02		04/27/23	20:18	BA	474230

Prep Method: TO-15SIM-P
Prep Batch ID: 1150506
Prep Batch Date/Time: 4/27/23 3:00:00PM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Propanol (Isopropyl Alcohol)	TO15 SIM	22.00	0.342	2.71	20.9	8.50		04/27/23	23:08	BA	474230
Acetone	TO15 SIM	22.00	0.565	1.05	7.33	3.08		04/27/23	23:08	BA	474230

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/27/23, 4:15 pm
Date Reported: 05/02/23

Client Sample ID:	IA-3	**Lab Sample ID:**	2304226-003A
Project Name/Location:	227 N 1st St & 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/27/23 / 8:13	**Certified Clean WO # :**	
Canister/Tube ID:	857	**Received PSI :**	
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO-15SIM-P	**Prep Batch Date/Time:**	4/27/23 3:00:00PM
Prep Batch ID:	1150506	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15 SIM	1.20	0.0213	0.0594	ND	ND		04/27/23	20:58	BA	474230
Chloromethane	TO15 SIM	1.20	0.0104	0.0248	0.442	0.21		04/27/23	20:58	BA	474230
Vinyl Chloride	TO15 SIM	1.20	0.00439	0.00922	ND	ND		04/27/23	20:58	BA	474230
1,3-Butadiene	TO15 SIM	1.20	0.0264	0.0530	0.122	0.06		04/27/23	20:58	BA	474230
Bromomethane	TO15 SIM	1.20	0.00978	0.0233	0.0326	0.01		04/27/23	20:58	BA	474230
Chloroethane	TO15 SIM	1.20	0.00250	0.0158	ND	ND		04/27/23	20:58	BA	474230
Trichlorofluoromethane	TO15 SIM	1.20	0.0146	0.0337	1.32	0.23		04/27/23	20:58	BA	474230
1,1-Dichloroethene	TO15 SIM	1.20	0.00805	0.0238	0.100	0.03		04/27/23	20:58	BA	474230
tert-Butanol	TO15 SIM	1.20	0.0138	0.0364	1.23	0.41		04/27/23	20:58	BA	474230
Methylene Chloride	TO15 SIM	1.20	0.0174	0.0416	0.500	0.14		04/27/23	20:58	BA	474230
Freon 113	TO15 SIM	1.20	0.0155	0.0460	0.533	0.07		04/27/23	20:58	BA	474230
Carbon disulfide	TO15 SIM	1.20	0.00340	0.0187	0.224	0.07		04/27/23	20:58	BA	474230
trans-1,2-Dichloroethene	TO15 SIM	1.20	0.00447	0.0238	ND	ND		04/27/23	20:58	BA	474230
MTBE	TO15 SIM	1.20	0.00745	0.0217	ND	ND		04/27/23	20:58	BA	474230
1,1-Dichloroethane	TO15 SIM	1.20	0.00598	0.0243	ND	ND		04/27/23	20:58	BA	474230
Vinyl Acetate	TO15 SIM	1.20	0.00604	0.0211	ND	ND		04/27/23	20:58	BA	474230
Hexane	TO15 SIM	1.20	0.00541	0.0211	0.422	0.12		04/27/23	20:58	BA	474230
2-Butanone (MEK)	TO15 SIM	1.20	0.00326	0.0177	0.708	0.24		04/27/23	20:58	BA	474230
Diisopropyl ether (DIPE)	TO15 SIM	1.20	0.00527	0.0251	ND	ND		04/27/23	20:58	BA	474230
cis-1,2-Dichloroethene	TO15 SIM	1.20	0.00485	0.0238	ND	ND		04/27/23	20:58	BA	474230
Ethyl Acetate	TO15 SIM	1.20	0.00397	0.0216	1.02	0.28		04/27/23	20:58	BA	474230
Chloroform	TO15 SIM	1.20	0.00972	0.0293	0.170	0.03		04/27/23	20:58	BA	474230
ETBE	TO15 SIM	1.20	0.00572	0.0251	0.0301	0.01		04/27/23	20:58	BA	474230
Tetrahydrofuran	TO15 SIM	1.20	0.0343	0.0708	0.485	0.16		04/27/23	20:58	BA	474230
1,2-Dichloroethane (EDC)	TO15 SIM	1.20	0.00598	0.0243	0.0778	0.02		04/27/23	20:58	BA	474230
1,1,1-Trichloroethane	TO15 SIM	1.20	0.00983	0.0328	ND	ND		04/27/23	20:58	BA	474230
Carbon Tetrachloride	TO15 SIM	1.20	0.0102	0.0377	0.468	0.07		04/27/23	20:58	BA	474230
Benzene	TO15 SIM	1.20	0.0402	0.0766	0.831	0.26		04/27/23	20:58	BA	474230
TAME	TO15 SIM	1.20	0.00296	0.0251	ND	ND		04/27/23	20:58	BA	474230
1,2-Dichloropropane	TO15 SIM	1.20	0.00565	0.0277	ND	ND		04/27/23	20:58	BA	474230
Trichloroethylene	TO15 SIM	1.20	0.0134	0.0322	ND	ND		04/27/23	20:58	BA	474230
Bromodichloromethane	TO15 SIM	1.20	0.00667	0.0402	ND	ND		04/27/23	20:58	BA	474230
1,4-Dioxane	TO15 SIM	1.20	0.0128	0.0216	0.0518	0.01		04/27/23	20:58	BA	474230
cis-1,3-Dichloropropene	TO15 SIM	1.20	0.00430	0.0272	ND	ND		04/27/23	20:58	BA	474230
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.20	0.00772	0.0246	0.325	0.08		04/27/23	20:58	BA	474230
trans-1,3-Dichloropropene	TO15 SIM	1.20	0.00479	0.0272	ND	ND		04/27/23	20:58	BA	474230
1,1,2-Trichloroethane	TO15 SIM	1.20	0.00387	0.0328	0.249	0.05		04/27/23	20:58	BA	474230

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/27/23, 4:15 pm
Date Reported: 05/02/23

Client Sample ID:	IA-3	**Lab Sample ID:**	2304226-003A
Project Name/Location:	227 N 1st St & 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/27/23 / 8:13	**Certified Clean WO # :**	
Canister/Tube ID:	857	**Received PSI :**	
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO-15SIM-P
Prep Batch ID: 1150506
Prep Batch Date/Time: 4/27/23 3:00:00PM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Toluene	TO15 SIM	1.20	0.00498	0.0226	ND	ND		04/27/23	20:58	BA	474230
2-Hexanone	TO15 SIM	1.20	0.0107	0.0246	2.31	0.56		04/27/23	20:58	BA	474230
Dibromochloromethane	TO15 SIM	1.20	0.0257	0.0511	ND	ND		04/27/23	20:58	BA	474230
1,2-Dibromoethane (EDB)	TO15 SIM	1.20	0.00498	0.0461	ND	ND		04/27/23	20:58	BA	474230
Tetrachloroethylene	TO15 SIM	1.20	0.0308	0.0814	0.504	0.07		04/27/23	20:58	BA	474230
1,1,1,2-Tetrachloroethane	TO15 SIM	1.20	0.0107	0.0412	ND	ND		04/27/23	20:58	BA	474230
Chlorobenzene	TO15 SIM	1.20	0.00276	0.00552	0.0166	0.00		04/27/23	20:58	BA	474230
Ethyl Benzene	TO15 SIM	1.20	0.00281	0.0260	0.318	0.07		04/27/23	20:58	BA	474230
m,p-Xylene	TO15 SIM	1.20	0.00318	0.0521	1.10	0.25		04/27/23	20:58	BA	474230
Bromoform	TO15 SIM	1.20	0.0409	0.124	ND	ND		04/27/23	20:58	BA	474230
Styrene	TO15 SIM	1.20	0.00373	0.0256	ND	ND		04/27/23	20:58	BA	474230
1,1,2,2-tetrachloroethane	TO15 SIM	1.20	0.00280	0.0824	ND	ND		04/27/23	20:58	BA	474230
o-Xylene	TO15 SIM	1.20	0.00266	0.0260	ND	ND		04/27/23	20:58	BA	474230
4-Ethyl toluene	TO15 SIM	1.20	0.00413	0.0295	0.472	0.10		04/27/23	20:58	BA	474230
1,3,5-Trimethylbenzene	TO15 SIM	1.20	0.00425	0.0295	0.124	0.03		04/27/23	20:58	BA	474230
1,2,4-Trimethylbenzene	TO15 SIM	1.20	0.00401	0.0295	0.425	0.09		04/27/23	20:58	BA	474230
1,3-Dichlorobenzene	TO15 SIM	1.20	0.00678	0.0361	ND	ND		04/27/23	20:58	BA	474230
1,4-Dichlorobenzene	TO15 SIM	1.20	0.00620	0.0361	0.101	0.02		04/27/23	20:58	BA	474230
1,2-Dichlorobenzene	TO15 SIM	1.20	0.00678	0.0361	ND	ND		04/27/23	20:58	BA	474230
1,2,4-Trichlorobenzene	TO15 SIM	1.20	0.0798	0.0445	0.0445	0.01		04/27/23	20:58	BA	474230
Naphthalene	TO15 SIM	1.20	0.00566	0.0314	0.384	0.07		04/27/23	20:58	BA	474230
Hexachlorobutadiene	TO15 SIM	1.20	0.127	0.256	ND	ND		04/27/23	20:58	BA	474230
Freon 114	TO15 SIM	1.20	0.0142	0.0419	0.101	0.01		04/27/23	20:58	BA	474230

Prep Method: TO-15SIM-P
Prep Batch ID: 1150506
Prep Batch Date/Time: 4/27/23 3:00:00PM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Propanol (Isopropyl Alcohol)	TO15 SIM	24.00	0.373	2.95	11.0	4.47		04/27/23	23:32	BA	474230
Acetone	TO15 SIM	24.00	0.617	1.14	11.7	4.92		04/27/23	23:32	BA	474230

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/27/23, 4:15 pm
Date Reported: 05/02/23

Client Sample ID:	IA-4	**Lab Sample ID:**	2304226-004A
Project Name/Location:	227 N 1st St & 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/27/23 / 8:15	**Certified Clean WO # :**	
Canister/Tube ID:	30606	**Received PSI :**	
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO-15SIM-P	**Prep Batch Date/Time:**	4/27/23 3:00:00PM
Prep Batch ID:	1150506	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15 SIM	1.10	0.0195	0.0545	ND	ND		04/27/23	21:38	BA	474230
Chloromethane	TO15 SIM	1.10	0.00952	0.0228	0.469	0.23		04/27/23	21:38	BA	474230
Vinyl Chloride	TO15 SIM	1.10	0.00403	0.00845	ND	ND		04/27/23	21:38	BA	474230
1,3-Butadiene	TO15 SIM	1.10	0.0242	0.0486	0.119	0.05		04/27/23	21:38	BA	474230
Bromomethane	TO15 SIM	1.10	0.00896	0.0213	0.0341	0.01		04/27/23	21:38	BA	474230
Chloroethane	TO15 SIM	1.10	0.00229	0.0145	ND	ND		04/27/23	21:38	BA	474230
Trichlorofluoromethane	TO15 SIM	1.10	0.0134	0.0309	1.37	0.24		04/27/23	21:38	BA	474230
1,1-Dichloroethene	TO15 SIM	1.10	0.00738	0.0218	0.100	0.03		04/27/23	21:38	BA	474230
tert-Butanol	TO15 SIM	1.10	0.0126	0.0333	0.420	0.14		04/27/23	21:38	BA	474230
Methylene Chloride	TO15 SIM	1.10	0.0160	0.0382	0.527	0.15		04/27/23	21:38	BA	474230
Freon 113	TO15 SIM	1.10	0.0142	0.0421	0.556	0.07		04/27/23	21:38	BA	474230
Carbon disulfide	TO15 SIM	1.10	0.00311	0.0171	0.287	0.09		04/27/23	21:38	BA	474230
trans-1,2-Dichloroethene	TO15 SIM	1.10	0.00409	0.0218	ND	ND		04/27/23	21:38	BA	474230
MTBE	TO15 SIM	1.10	0.00683	0.0199	ND	ND		04/27/23	21:38	BA	474230
1,1-Dichloroethane	TO15 SIM	1.10	0.00548	0.0223	ND	ND		04/27/23	21:38	BA	474230
Vinyl Acetate	TO15 SIM	1.10	0.00554	0.0194	ND	ND		04/27/23	21:38	BA	474230
Hexane	TO15 SIM	1.10	0.00496	0.0194	0.472	0.13		04/27/23	21:38	BA	474230
2-Butanone (MEK)	TO15 SIM	1.10	0.00299	0.0162	0.694	0.24		04/27/23	21:38	BA	474230
Diisopropyl ether (DIPE)	TO15 SIM	1.10	0.00483	0.0230	ND	ND		04/27/23	21:38	BA	474230
cis-1,2-Dichloroethene	TO15 SIM	1.10	0.00444	0.0218	ND	ND		04/27/23	21:38	BA	474230
Ethyl Acetate	TO15 SIM	1.10	0.00364	0.0198	0.990	0.28		04/27/23	21:38	BA	474230
Chloroform	TO15 SIM	1.10	0.00891	0.0268	0.172	0.04		04/27/23	21:38	BA	474230
ETBE	TO15 SIM	1.10	0.00524	0.0230	0.0322	0.01		04/27/23	21:38	BA	474230
Tetrahydrofuran	TO15 SIM	1.10	0.0314	0.0649	0.484	0.16		04/27/23	21:38	BA	474230
1,2-Dichloroethane (EDC)	TO15 SIM	1.10	0.00548	0.0223	0.0802	0.02		04/27/23	21:38	BA	474230
1,1,1-Trichloroethane	TO15 SIM	1.10	0.00901	0.0300	ND	ND		04/27/23	21:38	BA	474230
Carbon Tetrachloride	TO15 SIM	1.10	0.00934	0.0346	0.498	0.08		04/27/23	21:38	BA	474230
Benzene	TO15 SIM	1.10	0.0369	0.0702	0.719	0.23		04/27/23	21:38	BA	474230
TAME	TO15 SIM	1.10	0.00271	0.0230	ND	ND		04/27/23	21:38	BA	474230
1,2-Dichloropropane	TO15 SIM	1.10	0.00518	0.0254	ND	ND		04/27/23	21:38	BA	474230
Trichloroethylene	TO15 SIM	1.10	0.0123	0.0295	ND	ND		04/27/23	21:38	BA	474230
Bromodichloromethane	TO15 SIM	1.10	0.00612	0.0369	ND	ND		04/27/23	21:38	BA	474230
1,4-Dioxane	TO15 SIM	1.10	0.0117	0.0198	0.0436	0.01		04/27/23	21:38	BA	474230
cis-1,3-Dichloropropene	TO15 SIM	1.10	0.00395	0.0250	ND	ND		04/27/23	21:38	BA	474230
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.10	0.00708	0.0226	0.248	0.06		04/27/23	21:38	BA	474230
trans-1,3-Dichloropropene	TO15 SIM	1.10	0.00439	0.0250	ND	ND		04/27/23	21:38	BA	474230
1,1,2-Trichloroethane	TO15 SIM	1.10	0.00354	0.0300	0.0961	0.02		04/27/23	21:38	BA	474230

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/27/23, 4:15 pm
Date Reported: 05/02/23

Client Sample ID:	IA-4	**Lab Sample ID:**	2304226-004A
Project Name/Location:	227 N 1st St & 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/27/23 / 8:15	**Certified Clean WO # :**	
Canister/Tube ID:	30606	**Received PSI :**	
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 4/27/23 3:00:00PM
Prep Batch ID: 1150506 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Toluene	TO15 SIM	1.10	0.00456	0.0207	ND	ND		04/27/23	21:38	BA	474230
2-Hexanone	TO15 SIM	1.10	0.00979	0.0226	1.10	0.27		04/27/23	21:38	BA	474230
Dibromochloromethane	TO15 SIM	1.10	0.0235	0.0469	ND	ND		04/27/23	21:38	BA	474230
1,2-Dibromoethane (EDB)	TO15 SIM	1.10	0.00456	0.0422	ND	ND		04/27/23	21:38	BA	474230
Tetrachloroethylene	TO15 SIM	1.10	0.0283	0.0746	0.373	0.06		04/27/23	21:38	BA	474230
1,1,1,2-Tetrachloroethane	TO15 SIM	1.10	0.00982	0.0378	ND	ND		04/27/23	21:38	BA	474230
Chlorobenzene	TO15 SIM	1.10	0.00253	0.00506	0.0101	0.00		04/27/23	21:38	BA	474230
Ethyl Benzene	TO15 SIM	1.10	0.00258	0.0239	0.291	0.07		04/27/23	21:38	BA	474230
m,p-Xylene	TO15 SIM	1.10	0.00291	0.0477	1.03	0.24		04/27/23	21:38	BA	474230
Bromoform	TO15 SIM	1.10	0.0375	0.114	ND	ND		04/27/23	21:38	BA	474230
Styrene	TO15 SIM	1.10	0.00342	0.0234	ND	ND		04/27/23	21:38	BA	474230
1,1,2,2-tetrachloroethane	TO15 SIM	1.10	0.00257	0.0756	ND	ND		04/27/23	21:38	BA	474230
o-Xylene	TO15 SIM	1.10	0.00243	0.0239	ND	ND		04/27/23	21:38	BA	474230
4-Ethyl toluene	TO15 SIM	1.10	0.00379	0.0271	ND	ND		04/27/23	21:38	BA	474230
1,3,5-Trimethylbenzene	TO15 SIM	1.10	0.00390	0.0271	0.146	0.03		04/27/23	21:38	BA	474230
1,2,4-Trimethylbenzene	TO15 SIM	1.10	0.00368	0.0271	0.482	0.10		04/27/23	21:38	BA	474230
1,3-Dichlorobenzene	TO15 SIM	1.10	0.00621	0.0331	ND	ND		04/27/23	21:38	BA	474230
1,4-Dichlorobenzene	TO15 SIM	1.10	0.00569	0.0331	0.0926	0.02		04/27/23	21:38	BA	474230
1,2-Dichlorobenzene	TO15 SIM	1.10	0.00621	0.0331	ND	ND		04/27/23	21:38	BA	474230
1,2,4-Trichlorobenzene	TO15 SIM	1.10	0.0731	0.0408	ND	ND		04/27/23	21:38	BA	474230
Naphthalene	TO15 SIM	1.10	0.00519	0.0288	0.375	0.07		04/27/23	21:38	BA	474230
Hexachlorobutadiene	TO15 SIM	1.10	0.117	0.235	ND	ND		04/27/23	21:38	BA	474230
Freon 114	TO15 SIM	1.10	0.0130	0.0384	0.1000	0.01		04/27/23	21:38	BA	474230

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 4/27/23 3:00:00PM
Prep Batch ID: 1150506 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Propanol (Isopropyl Alcohol)	TO15 SIM	22.00	0.342	2.71	14.0	5.69		04/27/23	23:56	BA	474230
Acetone	TO15 SIM	22.00	0.565	1.05	10.8	4.54		04/27/23	23:56	BA	474230

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/27/23, 4:15 pm
Date Reported: 05/02/23

Client Sample ID:	AMB-1	**Lab Sample ID:**	2304226-005A
Project Name/Location:	227 N 1st St & 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/27/23 / 8:30	**Certified Clean WO # :**	
Canister/Tube ID:	875	**Received PSI :**	
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO-15SIM-P	**Prep Batch Date/Time:**	4/27/23 3:00:00PM
Prep Batch ID:	1150506	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15 SIM	1.10	0.0195	0.0545	ND	ND		04/27/23	22:20	BA	474230
Chloromethane	TO15 SIM	1.10	0.00952	0.0228	0.592	0.29		04/27/23	22:20	BA	474230
Vinyl Chloride	TO15 SIM	1.10	0.00403	0.00845	ND	ND		04/27/23	22:20	BA	474230
1,3-Butadiene	TO15 SIM	1.10	0.0242	0.0486	0.146	0.07		04/27/23	22:20	BA	474230
Bromomethane	TO15 SIM	1.10	0.00896	0.0213	0.115	0.03		04/27/23	22:20	BA	474230
Chloroethane	TO15 SIM	1.10	0.00229	0.0145	0.0145	0.01		04/27/23	22:20	BA	474230
Trichlorofluoromethane	TO15 SIM	1.10	0.0134	0.0309	1.43	0.25		04/27/23	22:20	BA	474230
1,1-Dichloroethene	TO15 SIM	1.10	0.00738	0.0218	0.114	0.03		04/27/23	22:20	BA	474230
tert-Butanol	TO15 SIM	1.10	0.0126	0.0333	0.347	0.11		04/27/23	22:20	BA	474230
Methylene Chloride	TO15 SIM	1.10	0.0160	0.0382	0.588	0.17		04/27/23	22:20	BA	474230
Freon 113	TO15 SIM	1.10	0.0142	0.0421	0.573	0.07		04/27/23	22:20	BA	474230
Carbon disulfide	TO15 SIM	1.10	0.00311	0.0171	0.137	0.04		04/27/23	22:20	BA	474230
trans-1,2-Dichloroethene	TO15 SIM	1.10	0.00409	0.0218	ND	ND		04/27/23	22:20	BA	474230
MTBE	TO15 SIM	1.10	0.00683	0.0199	ND	ND		04/27/23	22:20	BA	474230
1,1-Dichloroethane	TO15 SIM	1.10	0.00548	0.0223	ND	ND		04/27/23	22:20	BA	474230
Vinyl Acetate	TO15 SIM	1.10	0.00554	0.0194	0.0736	0.02		04/27/23	22:20	BA	474230
Hexane	TO15 SIM	1.10	0.00496	0.0194	0.352	0.10		04/27/23	22:20	BA	474230
Diisopropyl ether (DIPE)	TO15 SIM	1.10	0.00483	0.0230	ND	ND		04/27/23	22:20	BA	474230
cis-1,2-Dichloroethene	TO15 SIM	1.10	0.00444	0.0218	ND	ND		04/27/23	22:20	BA	474230
Chloroform	TO15 SIM	1.10	0.00891	0.0268	0.156	0.03		04/27/23	22:20	BA	474230
ETBE	TO15 SIM	1.10	0.00524	0.0230	0.0368	0.01		04/27/23	22:20	BA	474230
Tetrahydrofuran	TO15 SIM	1.10	0.0314	0.0649	0.422	0.14		04/27/23	22:20	BA	474230
1,2-Dichloroethane (EDC)	TO15 SIM	1.10	0.00548	0.0223	0.0802	0.02		04/27/23	22:20	BA	474230
1,1,1-Trichloroethane	TO15 SIM	1.10	0.00901	0.0300	ND	ND		04/27/23	22:20	BA	474230
Carbon Tetrachloride	TO15 SIM	1.10	0.00934	0.0346	0.526	0.08		04/27/23	22:20	BA	474230
Benzene	TO15 SIM	1.10	0.0369	0.0702	1.00	0.31		04/27/23	22:20	BA	474230
TAME	TO15 SIM	1.10	0.00271	0.0230	ND	ND		04/27/23	22:20	BA	474230
1,2-Dichloropropane	TO15 SIM	1.10	0.00518	0.0254	0.457	0.10		04/27/23	22:20	BA	474230
Trichloroethylene	TO15 SIM	1.10	0.0123	0.0295	ND	ND		04/27/23	22:20	BA	474230
Bromodichloromethane	TO15 SIM	1.10	0.00612	0.0369	ND	ND		04/27/23	22:20	BA	474230
1,4-Dioxane	TO15 SIM	1.10	0.0117	0.0198	0.170	0.05		04/27/23	22:20	BA	474230
cis-1,3-Dichloropropene	TO15 SIM	1.10	0.00395	0.0250	ND	ND		04/27/23	22:20	BA	474230
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.10	0.00708	0.0226	0.171	0.04		04/27/23	22:20	BA	474230
1,1,2-Trichloroethane	TO15 SIM	1.10	0.00354	0.0300	0.144	0.03		04/27/23	22:20	BA	474230
Toluene	TO15 SIM	1.10	0.00456	0.0207	2.26	0.60		04/27/23	22:20	BA	474230
2-Hexanone	TO15 SIM	1.10	0.00979	0.0226	1.05	0.26		04/27/23	22:20	BA	474230
Dibromochloromethane	TO15 SIM	1.10	0.0235	0.0469	ND	ND		04/27/23	22:20	BA	474230

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 04/27/23, 4:15 pm
Date Reported: 05/02/23

Client Sample ID:	AMB-1	**Lab Sample ID:**	2304226-005A
Project Name/Location:	227 N 1st St & 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/27/23 / 8:30	**Certified Clean WO # :**	
Canister/Tube ID:	875	**Received PSI :**	
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 4/27/23 3:00:00PM
Prep Batch ID: 1150506 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane (EDB)	TO15 SIM	1.10	0.00456	0.0422	ND	ND		04/27/23	22:20	BA	474230
Tetrachloroethylene	TO15 SIM	1.10	0.0283	0.0746	0.209	0.03		04/27/23	22:20	BA	474230
1,1,1,2-Tetrachloroethane	TO15 SIM	1.10	0.00982	0.0378	ND	ND		04/27/23	22:20	BA	474230
Chlorobenzene	TO15 SIM	1.10	0.00253	0.00506	0.0101	0.00		04/27/23	22:20	BA	474230
Ethyl Benzene	TO15 SIM	1.10	0.00258	0.0239	0.349	0.08		04/27/23	22:20	BA	474230
m,p-Xylene	TO15 SIM	1.10	0.00291	0.0477	1.33	0.31		04/27/23	22:20	BA	474230
Bromoform	TO15 SIM	1.10	0.0375	0.114	ND	ND		04/27/23	22:20	BA	474230
Styrene	TO15 SIM	1.10	0.00342	0.0234	0.206	0.05		04/27/23	22:20	BA	474230
1,1,2,2-tetrachloroethane	TO15 SIM	1.10	0.00257	0.0756	0.219	0.03		04/27/23	22:20	BA	474230
o-Xylene	TO15 SIM	1.10	0.00243	0.0239	ND	ND		04/27/23	22:20	BA	474230
4-Ethyl toluene	TO15 SIM	1.10	0.00379	0.0271	ND	ND		04/27/23	22:20	BA	474230
1,3,5-Trimethylbenzene	TO15 SIM	1.10	0.00390	0.0271	0.146	0.03		04/27/23	22:20	BA	474230
1,2,4-Trimethylbenzene	TO15 SIM	1.10	0.00368	0.0271	0.536	0.11		04/27/23	22:20	BA	474230
1,3-Dichlorobenzene	TO15 SIM	1.10	0.00621	0.0331	ND	ND		04/27/23	22:20	BA	474230
1,4-Dichlorobenzene	TO15 SIM	1.10	0.00569	0.0331	0.0727	0.01		04/27/23	22:20	BA	474230
1,2-Dichlorobenzene	TO15 SIM	1.10	0.00621	0.0331	ND	ND		04/27/23	22:20	BA	474230
1,2,4-Trichlorobenzene	TO15 SIM	1.10	0.0731	0.0408	ND	ND		04/27/23	22:20	BA	474230
Hexachlorobutadiene	TO15 SIM	1.10	0.117	0.235	ND	ND		04/27/23	22:20	BA	474230
Freon 114	TO15 SIM	1.10	0.0130	0.0384	0.1000	0.01		04/27/23	22:20	BA	474230

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 4/27/23 3:00:00PM
Prep Batch ID: 1150506 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Propanol (Isopropyl Alcohol)	TO15 SIM	22.00	0.342	2.71	25.3	10.28		04/28/23	0:21	BA	474230
Acetone	TO15 SIM	22.00	0.565	1.05	15.3	6.43		04/28/23	0:21	BA	474230
2-Butanone (MEK)	TO15 SIM	22.00	0.0597	0.325	7.59	2.57		04/28/23	0:21	BA	474230
Ethyl Acetate	TO15 SIM	22.00	0.0729	0.396	8.47	2.35		04/28/23	0:21	BA	474230
trans-1,3-Dichloropropene	TO15 SIM	22.00	0.0879	0.499	1.40	0.31		04/28/23	0:21	BA	474230
Naphthalene	TO15 SIM	22.00	0.104	0.576	3.00	0.57		04/28/23	0:21	BA	474230

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2304226	**Prep Method:**	TO-15SIM-P	**Prep Date:**	04/27/23	**Prep Batch:**	1150506
Matrix:	Air	**Analytical Method:**	TO15 SIM	**Analyzed Date:**	4/27/2023	**Analytical Batch:**	474230
Units:	ug/m3						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.018	0.12	ND	
Chloromethane	0.0087	0.10	0.036	J
Vinyl Chloride	0.0037	0.0077	ND	
1,3-Butadiene	0.022	0.11	ND	
Bromomethane	0.0081	0.097	ND	
Chloroethane	0.0021	0.13	ND	
Trichlorofluoromethane	0.012	0.11	ND	
2-Propanol (Isopropyl Alcohol)	0.016	0.12	ND	
Acetone	0.026	0.12	ND	
1,1-Dichloroethene	0.0067	0.099	ND	
tert-Butanol	0.011	0.15	ND	
Methylene Chloride	0.015	0.17	ND	
Freon 113	0.013	0.077	ND	
Carbon disulfide	0.0028	0.078	0.010	J
trans-1,2-Dichloroethene	0.0037	0.099	ND	
MTBE	0.0062	0.090	ND	
1,1-Dichloroethane	0.0050	0.10	ND	
Vinyl Acetate	0.0050	0.018	ND	
Hexane	0.0045	0.088	ND	
2-Butanone (MEK)	0.0027	0.074	ND	
Diisopropyl ether (DIPE)	0.0044	0.10	ND	
cis-1,2-Dichloroethene	0.0040	0.099	ND	
Ethyl Acetate	0.0033	0.090	ND	
Chloroform	0.0081	0.12	ND	
ETBE	0.0048	0.10	ND	
Tetrahydrofuran	0.029	0.074	ND	
1,2-Dichloroethane (EDC)	0.0050	0.10	ND	
1,1,1-Trichloroethane	0.0082	0.14	ND	
Carbon Tetrachloride	0.0085	0.16	ND	
Benzene	0.034	0.080	ND	
TAME	0.0025	0.10	ND	
1,2-Dichloropropane	0.0047	0.12	ND	
Trichloroethylene	0.011	0.13	ND	
Bromodichloromethane	0.0056	0.17	ND	
1,4-Dioxane	0.011	0.090	ND	
cis-1,3-Dichloropropene	0.0036	0.11	ND	
4-Methyl-2-Pentanone (MIBK)	0.0064	0.10	ND	
trans-1,3-Dichloropropene	0.0040	0.11	ND	
1,1,2-Trichloroethane	0.0032	0.14	ND	
Toluene	0.0041	0.094	ND	
2-Hexanone	0.0089	0.10	ND	
Dibromochloromethane	0.021	0.21	ND	
1,2-Dibromoethane (EDB)	0.0041	0.19	ND	
Tetrachloroethylene	0.026	0.17	ND	
1,1,1,2-Tetrachloroethane	0.0089	0.17	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2304226	**Prep Method:**	TO-15SIM-P	**Prep Date:**	04/27/23	**Prep Batch:**	1150506
Matrix:	Air	**Analytical Method:**	TO15 SIM	**Analyzed Date:**	4/27/2023	**Analytical Batch:**	474230
Units:	ug/m3						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Chlorobenzene	0.0023	0.12	ND		
Ethylbenzene	0.0023	0.11	ND		
m,p-Xylene	0.0026	0.11	ND		
Bromoform	0.034	0.26	ND		
Styrene	0.0031	0.11	ND		
1,1,2,2-tetrachloroethane	0.0023	0.034	0.0090	J	
o-Xylene	0.0022	0.022	ND		
4-Ethyl toluene	0.0034	0.12	ND		
1,3,5-Trimethylbenzene	0.0035	0.12	ND		
1,2,4-Trimethylbenzene	0.0033	0.12	ND		
1,3-Dichlorobenzene	0.0056	0.15	ND		
1,4-Dichlorobenzene	0.0052	0.15	ND		
1,2-Dichlorobenzene	0.0056	0.15	ND		
1,2,4-Trichlorobenzene	0.066	0.19	ND		
Naphthalene	0.0047	0.079	0.019	J	
Hexachlorobutadiene	0.11	0.11	ND		
Freon 114	0.012	0.070	ND		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2304226	**Prep Method:**	TO-15SIM-P	**Prep Date:**	04/27/23	**Prep Batch:**	1150506
Matrix:	Air	**Analytical Method:**	TO15 SIM	**Analyzed Date:**	4/27/2023	**Analytical Batch:**	474230
Units:	ug/m3						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.011	0.0050	ND	0.100	109	108	0.922	65 - 135	30	
Benzene	0.0021	0.020	0.036	0.100	85.0	83.0	2.38	65 - 135	30	
Trichloroethylene	0.0011	0.0050	ND	0.100	96.0	96.0	0.000	65 - 135	30	
Toluene	0.00050	0.0050	ND	0.100	91.0	94.0	3.24	65 - 135	30	
Chlorobenzene	0.0017	0.0050	ND	0.100	98.0	98.0	0.000	65 - 135	30	

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: AEI Consultants

Project Name: 227 N 1st St & 240 N 2nd St,San Jose

Work Order No.: 2304226

Date and Time Received: 4/27/2023 4:15:00PM

Received By: Lorna Imbat

Physically Logged By: Lorna Imbat

Checklist Completed By: Lorna Imbat

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes
Container/Temp Blank temperature in compliance?	Temperature: °C
Water-VOA vials have zero headspace?	No VOA vials submitted
Water-pH acceptable upon receipt?	N/A

pH Checked by: n/a

pH Adjusted by: n/a

Comments:

Login Summary Report

Client ID: TL5781 AEI Consultants

Project Name: 227 N 1st St & 240 N 2nd St,San Jose

Project # : 477886

Report Due Date: 5/2/2023

QC Level: II

TAT Requested: 3 Day Rush:3

Date Received: 4/27/2023

Time Received: 4:15 pm

Comments:

Work Order # : ***2304226***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2304226-001A	IA-1	04/27/23 8:05	Air				VOC_A_TO15SIM	
2304226-002A	IA-2	04/27/23 8:09	Air				VOC_A_TO15SIM	
2304226-003A	IA-3	04/27/23 8:13	Air				VOC_A_TO15SIM	
2304226-004A	IA-4	04/27/23 8:15	Air				VOC_A_TO15SIM	
2304226-005A	AMB-1	04/27/23 8:30	Air				VOC_A_TO15SIM	

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

Reset

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 2304226

Company Name: AEI Consultants ☐ ☐ Env. ☐ Special
Address: 2500 Camino Diablo
City: Walnut Creek State: CA Zip Code: 94597
Telephone: 408-442-2605 Cell:
REPORT TO: Cade Klock, Jeremy Smith, N. Budiwirone BILL TO: AEI Consultants

Project #: 477886 PO #:
Project Name: 227 N. 1st St. and 240 N. 2nd Street, San Jose
Comments: 72-hour rush analysis
SAMPLER: Natasha Budiwirone Quote #:
EMAIL: cklock@aeiconsultants.com, jasmith@aeiconsultants.com, nbudiwirone@aeiconsultants.com

TURNAROUND TIME:
☐ 2 - 8 Hours ☐ 2 Work Days ☐ 5 Work Days
☐ Noon - Nxt Day ☑ 3 Work Days ☐ 7 Work Days
☐ 1 Work Day ☐ 4 Work Days ☐ 10 Work Days

SAMPLE TYPE:
☑ Indoor Air
☑ Ambient Air
☐ Soil Gas Vapor
☐ Other

REPORT FORMAT:
☐ Level II - Std.
☐ Excel - EDD
☐ EDF ☐ Std.-EDD
☐ QC Level III
☐ QC Level IV

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	CANISTER I.D.	Initial Vac.	Final Vac.	Flow Controller #	TO 15	TO 15 SIM - VOCs	TO 17	REMARKS
-001A	IA-1	4-27-23/ 805	air	1	(6L) 1L	1416	-26	-3.5	4755	☐	X	☐	
-002A	IA-2	4-27-23/ 809	air	1	(6L) 1L	38451	-27	0	4866	☐	X	☐	
-003A	IA-3	4-27-23/ 813	air	1	(6L) 1L	857	-30	-1.5	4742	☐	X	☐	
-004A	IA-4	4-27-23/ 815	air	1	(6L) 1L	30606	-30	-3	4745	☐	X	☐	
-005A	AMB-1	4-27-23/ 830	air	1	(6L) 1L	475	-27	-2.5	4713	☐	X	☐	
					6L 1L					☐	☐	☐	
					6L 1L					☐	☐	☐	
					6L 1L					☐	☐	☐	
					6L 1L					☐	☐	☐	
					6L 1L					☐	☐	☐	

RUSH
Date Due: _____
Time Due: _____

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1		N. Budiwirone	4-27-23	1615		L-D. Inesal	4-27-23	1615
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition? ☐ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment D/b Sample seals intact? ☐ Yes ☐ NO ☐ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Log In By: _____ Date: _____ Labeled By: _____ Date: _____ Temp _____ °C

AEI Consultants
2500 Camino Diablo
Walnut Creek, California 94597
Tel: 925-746-6048

RE: 227 N 1st St. and 240 N 2nd St,San Jose

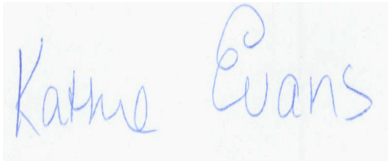
Work Order No.: 2305002

Dear Cade Klock:

Torrent Laboratory, Inc. received 5 sample(s) on May 01, 2023 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.



Kathie Evans
Project Manager

May 04, 2023
Date

Date: 5/4/2023

Client: AEI Consultants

Project: 227 N 1st St. and 240 N 2nd St,San Jose

Work Order: 2305002

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Laboratory, Inc.

Note for method TO15SIM: Method Blank is only used for Instrument purpose. Canisters are self-certified, and the report for the individually tested canisters can be found on work order WO 2305006

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Cade Klock
AEI Consultants

Date Received: 05/01/23
Date Reported: 05/04/23

IA-5

2305002-001

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Chloromethane	TO15 SIM	1.1	0.00952	0.0228	1.02
1,3-Butadiene	TO15 SIM	1.1	0.0242	0.0486	0.204
Bromomethane	TO15 SIM	1.1	0.00896	0.0213	0.0469
Chloroethane	TO15 SIM	1.1	0.00229	0.0145	0.171
1,1-Dichloroethene	TO15 SIM	1.1	0.00738	0.0218	0.0830
tert-Butanol	TO15 SIM	1.1	0.0126	0.0333	0.950
Methylene Chloride	TO15 SIM	1.1	0.0160	0.0382	0.504
Freon 113	TO15 SIM	1.1	0.0142	0.0421	0.565
Carbon disulfide	TO15 SIM	1.1	0.00311	0.0171	0.434
2-Butanone (MEK)	TO15 SIM	1.1	0.00299	0.0162	0.704
Ethyl Acetate	TO15 SIM	1.1	0.00364	0.0198	1.54
Chloroform	TO15 SIM	1.1	0.00891	0.0268	0.145
Tetrahydrofuran	TO15 SIM	1.1	0.0314	0.0649	0.649
1,2-Dichloroethane (EDC)	TO15 SIM	1.1	0.00548	0.0223	0.0757
Carbon Tetrachloride	TO15 SIM	1.1	0.00934	0.0346	0.512
Benzene	TO15 SIM	1.1	0.0369	0.0702	1.23
TAME	TO15 SIM	1.1	0.00271	0.0230	0.0368
1,2-Dichloropropane	TO15 SIM	1.1	0.00518	0.0254	0.122
Bromodichloromethane	TO15 SIM	1.1	0.00612	0.0369	0.450
1,4-Dioxane	TO15 SIM	1.1	0.0117	0.0198	0.147
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.1	0.00708	0.0226	0.785
1,1,2-Trichloroethane	TO15 SIM	1.1	0.00354	0.0300	0.216
Tetrachloroethylene	TO15 SIM	1.1	0.0283	0.0746	0.186
Chlorobenzene	TO15 SIM	1.1	0.00253	0.00506	0.0152
Ethyl Benzene	TO15 SIM	1.1	0.00258	0.0239	0.625
m,p-Xylene	TO15 SIM	1.1	0.00291	0.0477	2.46
1,3,5-Trimethylbenzene	TO15 SIM	1.1	0.00390	0.0271	0.373
1,2,4-Trimethylbenzene	TO15 SIM	1.1	0.00368	0.0271	1.42
1,4-Dichlorobenzene	TO15 SIM	1.1	0.00569	0.0331	0.119
1,2-Dichlorobenzene	TO15 SIM	1.1	0.00621	0.0331	0.0463
1,2,4-Trichlorobenzene	TO15 SIM	1.1	0.0731	0.0408	0.106
Naphthalene	TO15 SIM	1.1	0.00519	0.0288	1.03
Freon 114	TO15 SIM	1.1	0.0130	0.0384	0.108
Trichlorofluoromethane	TO15 SIM	22	0.268	0.618	19.4
2-Propanol (Isopropyl Alcohol)	TO15 SIM	22	0.342	2.71	24.8
Acetone	TO15 SIM	22	0.565	1.05	20.8
Hexane	TO15 SIM	22	0.0991	0.387	1.70
Toluene	TO15 SIM	22	0.0912	0.415	5.39
2-Hexanone	TO15 SIM	22	0.196	0.451	4.78

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Cade Klock
AEI Consultants

Date Received: 05/01/23
Date Reported: 05/04/23

IA-6

2305002-002

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Chloromethane	TO15 SIM	1.3	0.0112	0.0269	0.907
Vinyl Chloride	TO15 SIM	1.3	0.00476	0.00998	0.00998
1,3-Butadiene	TO15 SIM	1.3	0.0286	0.0575	0.172
Bromomethane	TO15 SIM	1.3	0.0106	0.0252	0.0656
Chloroethane	TO15 SIM	1.3	0.00271	0.0172	0.120
Methylene Chloride	TO15 SIM	1.3	0.0189	0.0451	0.496
Freon 113	TO15 SIM	1.3	0.0168	0.0498	0.558
Carbon disulfide	TO15 SIM	1.3	0.00368	0.0202	0.142
Hexane	TO15 SIM	1.3	0.00586	0.0229	2.13
2-Butanone (MEK)	TO15 SIM	1.3	0.00353	0.0192	0.966
Diisopropyl ether (DIPE)	TO15 SIM	1.3	0.00571	0.0272	1.16
Ethyl Acetate	TO15 SIM	1.3	0.00431	0.0234	1.87
Chloroform	TO15 SIM	1.3	0.0105	0.0317	0.140
ETBE	TO15 SIM	1.3	0.00619	0.0272	0.0598
1,2-Dichloroethane (EDC)	TO15 SIM	1.3	0.00648	0.0263	0.0842
Carbon Tetrachloride	TO15 SIM	1.3	0.0110	0.0409	0.499
Benzene	TO15 SIM	1.3	0.0436	0.0829	0.850
TAME	TO15 SIM	1.3	0.00321	0.0272	0.223
1,2-Dichloropropane	TO15 SIM	1.3	0.00613	0.0300	0.108
Trichloroethylene	TO15 SIM	1.3	0.0145	0.0349	0.0349
Bromodichloromethane	TO15 SIM	1.3	0.00723	0.0436	0.375
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.3	0.00837	0.0267	2.79
trans-1,3-Dichloropropene	TO15 SIM	1.3	0.00519	0.0295	0.0413
1,1,2-Trichloroethane	TO15 SIM	1.3	0.00419	0.0355	0.177
Tetrachloroethylene	TO15 SIM	1.3	0.0334	0.0881	0.176
Chlorobenzene	TO15 SIM	1.3	0.00299	0.00598	0.383
Ethyl Benzene	TO15 SIM	1.3	0.00305	0.0282	1.55
m,p-Xylene	TO15 SIM	1.3	0.00344	0.0564	5.04
Styrene	TO15 SIM	1.3	0.00404	0.0277	1.79
o-Xylene	TO15 SIM	1.3	0.00288	0.0282	2.53
Freon 114	TO15 SIM	1.3	0.0154	0.0454	0.109
Trichlorofluoromethane	TO15 SIM	26	0.317	0.731	20.5
2-Propanol (Isopropyl Alcohol)	TO15 SIM	26	0.404	3.20	21.2
Acetone	TO15 SIM	26	0.668	1.24	19.0
tert-Butanol	TO15 SIM	26	0.299	0.788	6.22
Tetrahydrofuran	TO15 SIM	26	0.742	1.53	1.92
1,4-Dioxane	TO15 SIM	26	0.277	0.468	7.77
Toluene	TO15 SIM	26	0.108	0.490	4.41
2-Hexanone	TO15 SIM	26	0.231	0.533	5.22
1,3,5-Trimethylbenzene	TO15 SIM	26	0.0921	0.640	3.84
1,2,4-Trimethylbenzene	TO15 SIM	26	0.0870	0.640	5.63
1,3-Dichlorobenzene	TO15 SIM	26	0.147	0.781	3.75
1,4-Dichlorobenzene	TO15 SIM	26	0.134	0.781	4.06
1,2-Dichlorobenzene	TO15 SIM	26	0.147	0.781	5.16
1,2,4-Trichlorobenzene	TO15 SIM	26	1.73	0.965	5.59
Naphthalene	TO15 SIM	26	0.123	0.681	6.40
Hexachlorobutadiene	TO15 SIM	26	2.76	5.55	9.15

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Cade Klock
AEI Consultants

Date Received: 05/01/23
Date Reported: 05/04/23

IA-7

2305002-003

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Chloromethane	TO15 SIM	1.3	0.0112	0.0269	1.42
1,3-Butadiene	TO15 SIM	1.3	0.0286	0.0575	0.284
Bromomethane	TO15 SIM	1.3	0.0106	0.0252	0.0454
Chloroethane	TO15 SIM	1.3	0.00271	0.0172	0.0480
1,1-Dichloroethene	TO15 SIM	1.3	0.00872	0.0258	0.0774
tert-Butanol	TO15 SIM	1.3	0.0149	0.0394	0.906
Methylene Chloride	TO15 SIM	1.3	0.0189	0.0451	0.496
Freon 113	TO15 SIM	1.3	0.0168	0.0498	0.548
Carbon disulfide	TO15 SIM	1.3	0.00368	0.0202	0.113
1,1-Dichloroethane	TO15 SIM	1.3	0.00648	0.0263	0.0527
2-Butanone (MEK)	TO15 SIM	1.3	0.00353	0.0192	0.928
Ethyl Acetate	TO15 SIM	1.3	0.00431	0.0234	2.21
Chloroform	TO15 SIM	1.3	0.0105	0.0317	0.146
Tetrahydrofuran	TO15 SIM	1.3	0.0371	0.0767	0.993
1,2-Dichloroethane (EDC)	TO15 SIM	1.3	0.00648	0.0263	0.0684
Carbon Tetrachloride	TO15 SIM	1.3	0.0110	0.0409	0.474
Benzene	TO15 SIM	1.3	0.0436	0.0829	1.49
1,2-Dichloropropane	TO15 SIM	1.3	0.00613	0.0300	0.114
Bromodichloromethane	TO15 SIM	1.3	0.00723	0.0436	0.427
1,4-Dioxane	TO15 SIM	1.3	0.0139	0.0234	0.164
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.3	0.00837	0.0267	0.704
1,1,2-Trichloroethane	TO15 SIM	1.3	0.00419	0.0355	0.185
Tetrachloroethylene	TO15 SIM	1.3	0.0334	0.0881	0.159
Chlorobenzene	TO15 SIM	1.3	0.00299	0.00598	0.0179
Ethyl Benzene	TO15 SIM	1.3	0.00305	0.0282	0.875
m,p-Xylene	TO15 SIM	1.3	0.00344	0.0564	3.67
1,3,5-Trimethylbenzene	TO15 SIM	1.3	0.00461	0.0320	0.505
1,2,4-Trimethylbenzene	TO15 SIM	1.3	0.00435	0.0320	1.91
1,3-Dichlorobenzene	TO15 SIM	1.3	0.00734	0.0391	0.0469
1,4-Dichlorobenzene	TO15 SIM	1.3	0.00672	0.0391	0.141
1,2-Dichlorobenzene	TO15 SIM	1.3	0.00734	0.0391	0.0469
1,2,4-Trichlorobenzene	TO15 SIM	1.3	0.0864	0.0482	0.145
Naphthalene	TO15 SIM	1.3	0.00613	0.0341	0.940
Freon 114	TO15 SIM	1.3	0.0154	0.0454	0.109
Trichlorofluoromethane	TO15 SIM	26	0.317	0.731	23.5
2-Propanol (Isopropyl Alcohol)	TO15 SIM	26	0.404	3.20	38.1
Acetone	TO15 SIM	26	0.668	1.24	21.3
Hexane	TO15 SIM	26	0.117	0.458	2.11
Toluene	TO15 SIM	26	0.108	0.490	7.16
2-Hexanone	TO15 SIM	26	0.231	0.533	5.01

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Cade Klock
AEI Consultants

Date Received: 05/01/23
Date Reported: 05/04/23

IA-8

2305002-004

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Chloromethane	TO15 SIM	1.3	0.0112	0.0269	0.549
Vinyl Chloride	TO15 SIM	1.3	0.00476	0.00998	0.00998
1,3-Butadiene	TO15 SIM	1.3	0.0286	0.0575	0.158
Bromomethane	TO15 SIM	1.3	0.0106	0.0252	0.0454
Trichlorofluoromethane	TO15 SIM	1.3	0.0159	0.0365	2.86
1,1-Dichloroethene	TO15 SIM	1.3	0.00872	0.0258	0.0723
tert-Butanol	TO15 SIM	1.3	0.0149	0.0394	1.52
Methylene Chloride	TO15 SIM	1.3	0.0189	0.0451	0.483
Freon 113	TO15 SIM	1.3	0.0168	0.0498	0.548
Carbon disulfide	TO15 SIM	1.3	0.00368	0.0202	0.352
MTBE	TO15 SIM	1.3	0.00807	0.0235	0.122
2-Butanone (MEK)	TO15 SIM	1.3	0.00353	0.0192	1.02
Ethyl Acetate	TO15 SIM	1.3	0.00431	0.0234	1.39
Chloroform	TO15 SIM	1.3	0.0105	0.0317	0.133
ETBE	TO15 SIM	1.3	0.00619	0.0272	0.0706
Tetrahydrofuran	TO15 SIM	1.3	0.0371	0.0767	2.02
1,2-Dichloroethane (EDC)	TO15 SIM	1.3	0.00648	0.0263	0.0737
Carbon Tetrachloride	TO15 SIM	1.3	0.0110	0.0409	0.499
Benzene	TO15 SIM	1.3	0.0436	0.0829	0.523
Bromodichloromethane	TO15 SIM	1.3	0.00723	0.0436	3.63
1,4-Dioxane	TO15 SIM	1.3	0.0139	0.0234	0.0281
cis-1,3-Dichloropropene	TO15 SIM	1.3	0.00466	0.0295	0.0354
1,1,2-Trichloroethane	TO15 SIM	1.3	0.00419	0.0355	1.33
1,2-Dibromoethane (EDB)	TO15 SIM	1.3	0.00539	0.0499	0.160
Tetrachloroethylene	TO15 SIM	1.3	0.0334	0.0881	0.264
Chlorobenzene	TO15 SIM	1.3	0.00299	0.00598	0.0299
Ethyl Benzene	TO15 SIM	1.3	0.00305	0.0282	0.745
m,p-Xylene	TO15 SIM	1.3	0.00344	0.0564	2.91
Styrene	TO15 SIM	1.3	0.00404	0.0277	0.0609
1,1,2,2-tetrachloroethane	TO15 SIM	1.3	0.00304	0.0893	0.295
o-Xylene	TO15 SIM	1.3	0.00288	0.0282	0.0790
1,3,5-Trimethylbenzene	TO15 SIM	1.3	0.00461	0.0320	0.678
1,2,4-Trimethylbenzene	TO15 SIM	1.3	0.00435	0.0320	3.38
1,3-Dichlorobenzene	TO15 SIM	1.3	0.00734	0.0391	0.0469
1,4-Dichlorobenzene	TO15 SIM	1.3	0.00672	0.0391	0.391
1,2-Dichlorobenzene	TO15 SIM	1.3	0.00734	0.0391	0.0391
1,2,4-Trichlorobenzene	TO15 SIM	1.3	0.0864	0.0482	0.0675
Naphthalene	TO15 SIM	1.3	0.00613	0.0341	1.75
Freon 114	TO15 SIM	1.3	0.0154	0.0454	0.109
2-Propanol (Isopropyl Alcohol)	TO15 SIM	26	0.404	3.20	28.0
Acetone	TO15 SIM	26	0.668	1.24	68.3
Hexane	TO15 SIM	26	0.117	0.458	3.94
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	26	0.167	0.533	4.26
Toluene	TO15 SIM	26	0.108	0.490	5.59
2-Hexanone	TO15 SIM	26	0.231	0.533	52.3

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Cade Klock
AEI Consultants

Date Received: 05/01/23
Date Reported: 05/04/23

AMB-2 2305002-005

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Chloromethane	TO15 SIM	1.8	0.0156	0.0373	0.421
1,3-Butadiene	TO15 SIM	1.8	0.0395	0.0796	0.0796
Bromomethane	TO15 SIM	1.8	0.0147	0.0349	0.0489
Chloroethane	TO15 SIM	1.8	0.00375	0.0238	0.0238
Trichlorofluoromethane	TO15 SIM	1.8	0.0220	0.0506	1.78
1,1-Dichloroethene	TO15 SIM	1.8	0.0121	0.0357	0.0858
tert-Butanol	TO15 SIM	1.8	0.0207	0.0545	0.922
Methylene Chloride	TO15 SIM	1.8	0.0261	0.0625	0.512
Freon 113	TO15 SIM	1.8	0.0233	0.0689	0.607
Carbon disulfide	TO15 SIM	1.8	0.00509	0.0280	0.196
Hexane	TO15 SIM	1.8	0.00811	0.0317	0.165
2-Butanone (MEK)	TO15 SIM	1.8	0.00489	0.0266	1.07
Ethyl Acetate	TO15 SIM	1.8	0.00596	0.0324	1.62
Chloroform	TO15 SIM	1.8	0.0146	0.0439	0.123
Tetrahydrofuran	TO15 SIM	1.8	0.0514	0.106	0.366
1,2-Dichloroethane (EDC)	TO15 SIM	1.8	0.00897	0.0365	0.0802
Carbon Tetrachloride	TO15 SIM	1.8	0.0153	0.0566	0.521
Benzene	TO15 SIM	1.8	0.0603	0.115	0.649
1,4-Dioxane	TO15 SIM	1.8	0.0192	0.0324	0.0518
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.8	0.0116	0.0369	0.236
1,1,2-Trichloroethane	TO15 SIM	1.8	0.00580	0.0491	0.0786
Toluene	TO15 SIM	1.8	0.00746	0.0339	0.855
2-Hexanone	TO15 SIM	1.8	0.0160	0.0369	3.48
Tetrachloroethylene	TO15 SIM	1.8	0.0463	0.122	0.281
Chlorobenzene	TO15 SIM	1.8	0.00414	0.00828	0.0166
Ethyl Benzene	TO15 SIM	1.8	0.00422	0.0391	0.172
m,p-Xylene	TO15 SIM	1.8	0.00477	0.0781	0.508
1,1,2,2-tetrachloroethane	TO15 SIM	1.8	0.00420	0.124	0.334
o-Xylene	TO15 SIM	1.8	0.00398	0.0391	0.203
4-Ethyl toluene	TO15 SIM	1.8	0.00620	0.0443	0.257
1,3,5-Trimethylbenzene	TO15 SIM	1.8	0.00638	0.0443	0.0797
1,2,4-Trimethylbenzene	TO15 SIM	1.8	0.00602	0.0443	0.230
1,4-Dichlorobenzene	TO15 SIM	1.8	0.00930	0.0541	0.0757
1,2,4-Trichlorobenzene	TO15 SIM	1.8	0.120	0.0668	0.107
Naphthalene	TO15 SIM	1.8	0.00849	0.0472	0.302
Freon 114	TO15 SIM	1.8	0.0213	0.0629	0.113
2-Propanol (Isopropyl Alcohol)	TO15 SIM	36	0.560	4.43	17.1
Acetone	TO15 SIM	36	0.925	1.71	8.40

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 05/01/23, 7:10 am
Date Reported: 05/04/23

Client Sample ID:	IA-5	**Lab Sample ID:**	2305002-001A
Project Name/Location:	227 N 1st St. and 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/29/23 / 15:03	**Certified Clean WO # :**	
Canister/Tube ID:	32746	**Received PSI :**	13.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO-15SIM-P	**Prep Batch Date/Time:**	5/1/23	11:00:00AM
Prep Batch ID:	1150655	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15 SIM	1.10	0.0195	0.0545	ND	ND		05/01/23	14:56	BA	474361
Chloromethane	TO15 SIM	1.10	0.00952	0.0228	1.02	0.49		05/01/23	14:56	BA	474361
Vinyl Chloride	TO15 SIM	1.10	0.00403	0.00845	ND	ND		05/01/23	14:56	BA	474361
1,3-Butadiene	TO15 SIM	1.10	0.0242	0.0486	0.204	0.09		05/01/23	14:56	BA	474361
Bromomethane	TO15 SIM	1.10	0.00896	0.0213	0.0469	0.01		05/01/23	14:56	BA	474361
Chloroethane	TO15 SIM	1.10	0.00229	0.0145	0.171	0.06		05/01/23	14:56	BA	474361
1,1-Dichloroethene	TO15 SIM	1.10	0.00738	0.0218	0.0830	0.02		05/01/23	14:56	BA	474361
tert-Butanol	TO15 SIM	1.10	0.0126	0.0333	0.950	0.31		05/01/23	14:56	BA	474361
Methylene Chloride	TO15 SIM	1.10	0.0160	0.0382	0.504	0.15		05/01/23	14:56	BA	474361
Freon 113	TO15 SIM	1.10	0.0142	0.0421	0.565	0.07		05/01/23	14:56	BA	474361
Carbon disulfide	TO15 SIM	1.10	0.00311	0.0171	0.434	0.14		05/01/23	14:56	BA	474361
trans-1,2-Dichloroethene	TO15 SIM	1.10	0.00409	0.0218	ND	ND		05/01/23	14:56	BA	474361
MTBE	TO15 SIM	1.10	0.00683	0.0199	ND	ND		05/01/23	14:56	BA	474361
1,1-Dichloroethane	TO15 SIM	1.10	0.00548	0.0223	ND	ND		05/01/23	14:56	BA	474361
Vinyl Acetate	TO15 SIM	1.10	0.00554	0.0194	ND	ND		05/01/23	14:56	BA	474361
2-Butanone (MEK)	TO15 SIM	1.10	0.00299	0.0162	0.704	0.24		05/01/23	14:56	BA	474361
Diisopropyl ether (DIPE)	TO15 SIM	1.10	0.00483	0.0230	ND	ND		05/01/23	14:56	BA	474361
cis-1,2-Dichloroethene	TO15 SIM	1.10	0.00444	0.0218	ND	ND		05/01/23	14:56	BA	474361
Ethyl Acetate	TO15 SIM	1.10	0.00364	0.0198	1.54	0.43		05/01/23	14:56	BA	474361
Chloroform	TO15 SIM	1.10	0.00891	0.0268	0.145	0.03		05/01/23	14:56	BA	474361
ETBE	TO15 SIM	1.10	0.00524	0.0230	ND	ND		05/01/23	14:56	BA	474361
Tetrahydrofuran	TO15 SIM	1.10	0.0314	0.0649	0.649	0.22		05/01/23	14:56	BA	474361
1,2-Dichloroethane (EDC)	TO15 SIM	1.10	0.00548	0.0223	0.0757	0.02		05/01/23	14:56	BA	474361
1,1,1-Trichloroethane	TO15 SIM	1.10	0.00901	0.0300	ND	ND		05/01/23	14:56	BA	474361
Carbon Tetrachloride	TO15 SIM	1.10	0.00934	0.0346	0.512	0.08		05/01/23	14:56	BA	474361
Benzene	TO15 SIM	1.10	0.0369	0.0702	1.23	0.39		05/01/23	14:56	BA	474361
TAME	TO15 SIM	1.10	0.00271	0.0230	0.0368	0.01		05/01/23	14:56	BA	474361
1,2-Dichloropropane	TO15 SIM	1.10	0.00518	0.0254	0.122	0.03		05/01/23	14:56	BA	474361
Trichloroethylene	TO15 SIM	1.10	0.0123	0.0295	ND	ND		05/01/23	14:56	BA	474361
Bromodichloromethane	TO15 SIM	1.10	0.00612	0.0369	0.450	0.07		05/01/23	14:56	BA	474361
1,4-Dioxane	TO15 SIM	1.10	0.0117	0.0198	0.147	0.04		05/01/23	14:56	BA	474361
cis-1,3-Dichloropropene	TO15 SIM	1.10	0.00395	0.0250	ND	ND		05/01/23	14:56	BA	474361
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.10	0.00708	0.0226	0.785	0.19		05/01/23	14:56	BA	474361
trans-1,3-Dichloropropene	TO15 SIM	1.10	0.00439	0.0250	ND	ND		05/01/23	14:56	BA	474361
1,1,2-Trichloroethane	TO15 SIM	1.10	0.00354	0.0300	0.216	0.04		05/01/23	14:56	BA	474361
Dibromochloromethane	TO15 SIM	1.10	0.0235	0.0469	ND	ND		05/01/23	14:56	BA	474361
1,2-Dibromoethane (EDB)	TO15 SIM	1.10	0.00456	0.0422	ND	ND		05/01/23	14:56	BA	474361

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 05/01/23, 7:10 am
Date Reported: 05/04/23

Client Sample ID:	IA-5	**Lab Sample ID:**	2305002-001A
Project Name/Location:	227 N 1st St. and 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/29/23 / 15:03	**Certified Clean WO # :**	
Canister/Tube ID:	32746	**Received PSI :**	13.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 5/1/23 11:00:00AM
Prep Batch ID: 1150655 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Tetrachloroethylene	TO15 SIM	1.10	0.0283	0.0746	0.186	0.03		05/01/23	14:56	BA	474361
1,1,1,2-Tetrachloroethane	TO15 SIM	1.10	0.00982	0.0378	ND	ND		05/01/23	14:56	BA	474361
Chlorobenzene	TO15 SIM	1.10	0.00253	0.00506	0.0152	0.00		05/01/23	14:56	BA	474361
Ethyl Benzene	TO15 SIM	1.10	0.00258	0.0239	0.625	0.14		05/01/23	14:56	BA	474361
m,p-Xylene	TO15 SIM	1.10	0.00291	0.0477	2.46	0.57		05/01/23	14:56	BA	474361
Bromoform	TO15 SIM	1.10	0.0375	0.114	ND	ND		05/01/23	14:56	BA	474361
Styrene	TO15 SIM	1.10	0.00342	0.0234	ND	ND		05/01/23	14:56	BA	474361
1,1,2,2-tetrachloroethane	TO15 SIM	1.10	0.00257	0.0756	ND	ND		05/01/23	14:56	BA	474361
o-Xylene	TO15 SIM	1.10	0.00243	0.0239	ND	ND		05/01/23	14:56	BA	474361
4-Ethyl toluene	TO15 SIM	1.10	0.00379	0.0271	ND	ND		05/01/23	14:56	BA	474361
1,3,5-Trimethylbenzene	TO15 SIM	1.10	0.00390	0.0271	0.373	0.08		05/01/23	14:56	BA	474361
1,2,4-Trimethylbenzene	TO15 SIM	1.10	0.00368	0.0271	1.42	0.29		05/01/23	14:56	BA	474361
1,3-Dichlorobenzene	TO15 SIM	1.10	0.00621	0.0331	ND	ND		05/01/23	14:56	BA	474361
1,4-Dichlorobenzene	TO15 SIM	1.10	0.00569	0.0331	0.119	0.02		05/01/23	14:56	BA	474361
1,2-Dichlorobenzene	TO15 SIM	1.10	0.00621	0.0331	0.0463	0.01		05/01/23	14:56	BA	474361
1,2,4-Trichlorobenzene	TO15 SIM	1.10	0.0731	0.0408	0.106	0.01		05/01/23	14:56	BA	474361
Naphthalene	TO15 SIM	1.10	0.00519	0.0288	1.03	0.20		05/01/23	14:56	BA	474361
Hexachlorobutadiene	TO15 SIM	1.10	0.117	0.235	ND	ND		05/01/23	14:56	BA	474361
Freon 114	TO15 SIM	1.10	0.0130	0.0384	0.108	0.02		05/01/23	14:56	BA	474361

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 5/1/23 11:00:00AM
Prep Batch ID: 1150655 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichlorofluoromethane	TO15 SIM	22.00	0.268	0.618	19.4	3.45		05/01/23	18:00	BA	474361
2-Propanol (Isopropyl Alcohol)	TO15 SIM	22.00	0.342	2.71	24.8	10.08		05/01/23	18:00	BA	474361
Acetone	TO15 SIM	22.00	0.565	1.05	20.8	8.74		05/01/23	18:00	BA	474361
Hexane	TO15 SIM	22.00	0.0991	0.387	1.70	0.48		05/01/23	18:00	BA	474361
Toluene	TO15 SIM	22.00	0.0912	0.415	5.39	1.43		05/01/23	18:00	BA	474361
2-Hexanone	TO15 SIM	22.00	0.196	0.451	4.78	1.17		05/01/23	18:00	BA	474361

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 05/01/23, 7:10 am
Date Reported: 05/04/23

Client Sample ID:	IA-6	**Lab Sample ID:**	2305002-002A
Project Name/Location:	227 N 1st St. and 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/29/23 / 15:00	**Certified Clean WO # :**	
Canister/Tube ID:	15981	**Received PSI :**	11.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO-15SIM-P	**Prep Batch Date/Time:**	5/1/23 11:00:00AM
Prep Batch ID:	1150655	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15 SIM	1.30	0.0231	0.0644	ND	ND		05/01/23	15:36	BA	474361
Chloromethane	TO15 SIM	1.30	0.0112	0.0269	0.907	0.44		05/01/23	15:36	BA	474361
Vinyl Chloride	TO15 SIM	1.30	0.00476	0.00998	0.00998	0.00		05/01/23	15:36	BA	474361
1,3-Butadiene	TO15 SIM	1.30	0.0286	0.0575	0.172	0.08		05/01/23	15:36	BA	474361
Bromomethane	TO15 SIM	1.30	0.0106	0.0252	0.0656	0.02		05/01/23	15:36	BA	474361
Chloroethane	TO15 SIM	1.30	0.00271	0.0172	0.120	0.05		05/01/23	15:36	BA	474361
1,1-Dichloroethene	TO15 SIM	1.30	0.00872	0.0258	ND	ND		05/01/23	15:36	BA	474361
Methylene Chloride	TO15 SIM	1.30	0.0189	0.0451	0.496	0.14		05/01/23	15:36	BA	474361
Freon 113	TO15 SIM	1.30	0.0168	0.0498	0.558	0.07		05/01/23	15:36	BA	474361
Carbon disulfide	TO15 SIM	1.30	0.00368	0.0202	0.142	0.05		05/01/23	15:36	BA	474361
trans-1,2-Dichloroethene	TO15 SIM	1.30	0.00484	0.0257	ND	ND		05/01/23	15:36	BA	474361
MTBE	TO15 SIM	1.30	0.00807	0.0235	ND	ND		05/01/23	15:36	BA	474361
1,1-Dichloroethane	TO15 SIM	1.30	0.00648	0.0263	ND	ND		05/01/23	15:36	BA	474361
Vinyl Acetate	TO15 SIM	1.30	0.00654	0.0229	ND	ND		05/01/23	15:36	BA	474361
Hexane	TO15 SIM	1.30	0.00586	0.0229	2.13	0.61		05/01/23	15:36	BA	474361
2-Butanone (MEK)	TO15 SIM	1.30	0.00353	0.0192	0.966	0.33		05/01/23	15:36	BA	474361
Diisopropyl ether (DIPE)	TO15 SIM	1.30	0.00571	0.0272	1.16	0.28		05/01/23	15:36	BA	474361
cis-1,2-Dichloroethene	TO15 SIM	1.30	0.00525	0.0257	ND	ND		05/01/23	15:36	BA	474361
Ethyl Acetate	TO15 SIM	1.30	0.00431	0.0234	1.87	0.52		05/01/23	15:36	BA	474361
Chloroform	TO15 SIM	1.30	0.0105	0.0317	0.140	0.03		05/01/23	15:36	BA	474361
ETBE	TO15 SIM	1.30	0.00619	0.0272	0.0598	0.01		05/01/23	15:36	BA	474361
1,2-Dichloroethane (EDC)	TO15 SIM	1.30	0.00648	0.0263	0.0842	0.02		05/01/23	15:36	BA	474361
1,1,1-Trichloroethane	TO15 SIM	1.30	0.0106	0.0355	ND	ND		05/01/23	15:36	BA	474361
Carbon Tetrachloride	TO15 SIM	1.30	0.0110	0.0409	0.499	0.08		05/01/23	15:36	BA	474361
Benzene	TO15 SIM	1.30	0.0436	0.0829	0.850	0.27		05/01/23	15:36	BA	474361
TAME	TO15 SIM	1.30	0.00321	0.0272	0.223	0.05		05/01/23	15:36	BA	474361
1,2-Dichloropropane	TO15 SIM	1.30	0.00613	0.0300	0.108	0.02		05/01/23	15:36	BA	474361
Trichloroethylene	TO15 SIM	1.30	0.0145	0.0349	0.0349	0.01		05/01/23	15:36	BA	474361
Bromodichloromethane	TO15 SIM	1.30	0.00723	0.0436	0.375	0.06		05/01/23	15:36	BA	474361
cis-1,3-Dichloropropene	TO15 SIM	1.30	0.00466	0.0295	ND	ND		05/01/23	15:36	BA	474361
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.30	0.00837	0.0267	2.79	0.68		05/01/23	15:36	BA	474361
trans-1,3-Dichloropropene	TO15 SIM	1.30	0.00519	0.0295	0.0413	0.01		05/01/23	15:36	BA	474361
1,1,2-Trichloroethane	TO15 SIM	1.30	0.00419	0.0355	0.177	0.03		05/01/23	15:36	BA	474361
Dibromochloromethane	TO15 SIM	1.30	0.0278	0.0554	ND	ND		05/01/23	15:36	BA	474361
1,2-Dibromoethane (EDB)	TO15 SIM	1.30	0.00539	0.0499	ND	ND		05/01/23	15:36	BA	474361
Tetrachloroethylene	TO15 SIM	1.30	0.0334	0.0881	0.176	0.03		05/01/23	15:36	BA	474361
1,1,1,2-Tetrachloroethane	TO15 SIM	1.30	0.0116	0.0447	ND	ND		05/01/23	15:36	BA	474361

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 05/01/23, 7:10 am
Date Reported: 05/04/23

Client Sample ID:	IA-6	**Lab Sample ID:**	2305002-002A
Project Name/Location:	227 N 1st St. and 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/29/23 / 15:00	**Certified Clean WO # :**	
Canister/Tube ID:	15981	**Received PSI :**	11.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 5/1/23 11:00:00AM
Prep Batch ID: 1150655 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Chlorobenzene	TO15 SIM	1.30	0.00299	0.00598	0.383	0.08		05/01/23	15:36	BA	474361
Ethyl Benzene	TO15 SIM	1.30	0.00305	0.0282	1.55	0.36		05/01/23	15:36	BA	474361
m,p-Xylene	TO15 SIM	1.30	0.00344	0.0564	5.04	1.16		05/01/23	15:36	BA	474361
Bromoform	TO15 SIM	1.30	0.0444	0.134	ND	ND		05/01/23	15:36	BA	474361
Styrene	TO15 SIM	1.30	0.00404	0.0277	1.79	0.42		05/01/23	15:36	BA	474361
1,1,2,2-tetrachloroethane	TO15 SIM	1.30	0.00304	0.0893	ND	ND		05/01/23	15:36	BA	474361
o-Xylene	TO15 SIM	1.30	0.00288	0.0282	2.53	0.58		05/01/23	15:36	BA	474361
4-Ethyl toluene	TO15 SIM	1.30	0.00448	0.0320	ND	ND		05/01/23	15:36	BA	474361
Freon 114	TO15 SIM	1.30	0.0154	0.0454	0.109	0.02		05/01/23	15:36	BA	474361

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 5/1/23 11:00:00AM
Prep Batch ID: 1150655 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichlorofluoromethane	TO15 SIM	26.00	0.317	0.731	20.5	3.65		05/01/23	18:24	BA	474361
2-Propanol (Isopropyl Alcohol)	TO15 SIM	26.00	0.404	3.20	21.2	8.62		05/01/23	18:24	BA	474361
Acetone	TO15 SIM	26.00	0.668	1.24	19.0	7.98		05/01/23	18:24	BA	474361
tert-Butanol	TO15 SIM	26.00	0.299	0.788	6.22	2.05		05/01/23	18:24	BA	474361
Tetrahydrofuran	TO15 SIM	26.00	0.742	1.53	1.92	0.65		05/01/23	18:24	BA	474361
1,4-Dioxane	TO15 SIM	26.00	0.277	0.468	7.77	2.16		05/01/23	18:24	BA	474361
Toluene	TO15 SIM	26.00	0.108	0.490	4.41	1.17		05/01/23	18:24	BA	474361
2-Hexanone	TO15 SIM	26.00	0.231	0.533	5.22	1.27		05/01/23	18:24	BA	474361
1,3,5-Trimethylbenzene	TO15 SIM	26.00	0.0921	0.640	3.84	0.78		05/01/23	18:24	BA	474361
1,2,4-Trimethylbenzene	TO15 SIM	26.00	0.0870	0.640	5.63	1.14		05/01/23	18:24	BA	474361
1,3-Dichlorobenzene	TO15 SIM	26.00	0.147	0.781	3.75	0.62		05/01/23	18:24	BA	474361
1,4-Dichlorobenzene	TO15 SIM	26.00	0.134	0.781	4.06	0.68		05/01/23	18:24	BA	474361
1,2-Dichlorobenzene	TO15 SIM	26.00	0.147	0.781	5.16	0.86		05/01/23	18:24	BA	474361
1,2,4-Trichlorobenzene	TO15 SIM	26.00	1.73	0.965	5.59	0.75		05/01/23	18:24	BA	474361
Naphthalene	TO15 SIM	26.00	0.123	0.681	6.40	1.22		05/01/23	18:24	BA	474361
Hexachlorobutadiene	TO15 SIM	26.00	2.76	5.55	9.15	0.86		05/01/23	18:24	BA	474361

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 05/01/23, 7:10 am
Date Reported: 05/04/23

Client Sample ID:	IA-7	**Lab Sample ID:**	2305002-003A
Project Name/Location:	227 N 1st St. and 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/29/23 / 15:07	**Certified Clean WO # :**	
Canister/Tube ID:	471	**Received PSI :**	11.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO-15SIM-P	**Prep Batch Date/Time:**	5/1/23 11:00:00AM
Prep Batch ID:	1150655	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15 SIM	1.30	0.0231	0.0644	ND	ND		05/01/23	16:15	BA	474361
Chloromethane	TO15 SIM	1.30	0.0112	0.0269	1.42	0.69		05/01/23	16:15	BA	474361
Vinyl Chloride	TO15 SIM	1.30	0.00476	0.00998	ND	ND		05/01/23	16:15	BA	474361
1,3-Butadiene	TO15 SIM	1.30	0.0286	0.0575	0.284	0.13		05/01/23	16:15	BA	474361
Bromomethane	TO15 SIM	1.30	0.0106	0.0252	0.0454	0.01		05/01/23	16:15	BA	474361
Chloroethane	TO15 SIM	1.30	0.00271	0.0172	0.0480	0.02		05/01/23	16:15	BA	474361
1,1-Dichloroethene	TO15 SIM	1.30	0.00872	0.0258	0.0774	0.02		05/01/23	16:15	BA	474361
tert-Butanol	TO15 SIM	1.30	0.0149	0.0394	0.906	0.30		05/01/23	16:15	BA	474361
Methylene Chloride	TO15 SIM	1.30	0.0189	0.0451	0.496	0.14		05/01/23	16:15	BA	474361
Freon 113	TO15 SIM	1.30	0.0168	0.0498	0.548	0.07		05/01/23	16:15	BA	474361
Carbon disulfide	TO15 SIM	1.30	0.00368	0.0202	0.113	0.04		05/01/23	16:15	BA	474361
trans-1,2-Dichloroethene	TO15 SIM	1.30	0.00484	0.0257	ND	ND		05/01/23	16:15	BA	474361
MTBE	TO15 SIM	1.30	0.00807	0.0235	ND	ND		05/01/23	16:15	BA	474361
1,1-Dichloroethane	TO15 SIM	1.30	0.00648	0.0263	0.0527	0.01		05/01/23	16:15	BA	474361
Vinyl Acetate	TO15 SIM	1.30	0.00654	0.0229	ND	ND		05/01/23	16:15	BA	474361
2-Butanone (MEK)	TO15 SIM	1.30	0.00353	0.0192	0.928	0.31		05/01/23	16:15	BA	474361
Diisopropyl ether (DIPE)	TO15 SIM	1.30	0.00571	0.0272	ND	ND		05/01/23	16:15	BA	474361
cis-1,2-Dichloroethene	TO15 SIM	1.30	0.00525	0.0257	ND	ND		05/01/23	16:15	BA	474361
Ethyl Acetate	TO15 SIM	1.30	0.00431	0.0234	2.21	0.61		05/01/23	16:15	BA	474361
Chloroform	TO15 SIM	1.30	0.0105	0.0317	0.146	0.03		05/01/23	16:15	BA	474361
ETBE	TO15 SIM	1.30	0.00619	0.0272	ND	ND		05/01/23	16:15	BA	474361
Tetrahydrofuran	TO15 SIM	1.30	0.0371	0.0767	0.993	0.34		05/01/23	16:15	BA	474361
1,2-Dichloroethane (EDC)	TO15 SIM	1.30	0.00648	0.0263	0.0684	0.02		05/01/23	16:15	BA	474361
1,1,1-Trichloroethane	TO15 SIM	1.30	0.0106	0.0355	ND	ND		05/01/23	16:15	BA	474361
Carbon Tetrachloride	TO15 SIM	1.30	0.0110	0.0409	0.474	0.08		05/01/23	16:15	BA	474361
Benzene	TO15 SIM	1.30	0.0436	0.0829	1.49	0.47		05/01/23	16:15	BA	474361
TAME	TO15 SIM	1.30	0.00321	0.0272	ND	ND		05/01/23	16:15	BA	474361
1,2-Dichloropropane	TO15 SIM	1.30	0.00613	0.0300	0.114	0.02		05/01/23	16:15	BA	474361
Trichloroethylene	TO15 SIM	1.30	0.0145	0.0349	ND	ND		05/01/23	16:15	BA	474361
Bromodichloromethane	TO15 SIM	1.30	0.00723	0.0436	0.427	0.06		05/01/23	16:15	BA	474361
1,4-Dioxane	TO15 SIM	1.30	0.0139	0.0234	0.164	0.05		05/01/23	16:15	BA	474361
cis-1,3-Dichloropropene	TO15 SIM	1.30	0.00466	0.0295	ND	ND		05/01/23	16:15	BA	474361
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.30	0.00837	0.0267	0.704	0.17		05/01/23	16:15	BA	474361
trans-1,3-Dichloropropene	TO15 SIM	1.30	0.00519	0.0295	ND	ND		05/01/23	16:15	BA	474361
1,1,2-Trichloroethane	TO15 SIM	1.30	0.00419	0.0355	0.185	0.03		05/01/23	16:15	BA	474361
Dibromochloromethane	TO15 SIM	1.30	0.0278	0.0554	ND	ND		05/01/23	16:15	BA	474361
1,2-Dibromoethane (EDB)	TO15 SIM	1.30	0.00539	0.0499	ND	ND		05/01/23	16:15	BA	474361

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 05/01/23, 7:10 am
Date Reported: 05/04/23

Client Sample ID:	IA-7	**Lab Sample ID:**	2305002-003A
Project Name/Location:	227 N 1st St. and 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/29/23 / 15:07	**Certified Clean WO # :**	
Canister/Tube ID:	471	**Received PSI :**	11.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 5/1/23 11:00:00AM
Prep Batch ID: 1150655 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Tetrachloroethylene	TO15 SIM	1.30	0.0334	0.0881	0.159	0.02		05/01/23	16:15	BA	474361
1,1,1,2-Tetrachloroethane	TO15 SIM	1.30	0.0116	0.0447	ND	ND		05/01/23	16:15	BA	474361
Chlorobenzene	TO15 SIM	1.30	0.00299	0.00598	0.0179	0.00		05/01/23	16:15	BA	474361
Ethyl Benzene	TO15 SIM	1.30	0.00305	0.0282	0.875	0.20		05/01/23	16:15	BA	474361
m,p-Xylene	TO15 SIM	1.30	0.00344	0.0564	3.67	0.85		05/01/23	16:15	BA	474361
Bromoform	TO15 SIM	1.30	0.0444	0.134	ND	ND		05/01/23	16:15	BA	474361
Styrene	TO15 SIM	1.30	0.00404	0.0277	ND	ND		05/01/23	16:15	BA	474361
1,1,2,2-tetrachloroethane	TO15 SIM	1.30	0.00304	0.0893	ND	ND		05/01/23	16:15	BA	474361
o-Xylene	TO15 SIM	1.30	0.00288	0.0282	ND	ND		05/01/23	16:15	BA	474361
4-Ethyl toluene	TO15 SIM	1.30	0.00448	0.0320	ND	ND		05/01/23	16:15	BA	474361
1,3,5-Trimethylbenzene	TO15 SIM	1.30	0.00461	0.0320	0.505	0.10		05/01/23	16:15	BA	474361
1,2,4-Trimethylbenzene	TO15 SIM	1.30	0.00435	0.0320	1.91	0.39		05/01/23	16:15	BA	474361
1,3-Dichlorobenzene	TO15 SIM	1.30	0.00734	0.0391	0.0469	0.01		05/01/23	16:15	BA	474361
1,4-Dichlorobenzene	TO15 SIM	1.30	0.00672	0.0391	0.141	0.02		05/01/23	16:15	BA	474361
1,2-Dichlorobenzene	TO15 SIM	1.30	0.00734	0.0391	0.0469	0.01		05/01/23	16:15	BA	474361
1,2,4-Trichlorobenzene	TO15 SIM	1.30	0.0864	0.0482	0.145	0.02		05/01/23	16:15	BA	474361
Naphthalene	TO15 SIM	1.30	0.00613	0.0341	0.940	0.18		05/01/23	16:15	BA	474361
Hexachlorobutadiene	TO15 SIM	1.30	0.138	0.277	ND	ND		05/01/23	16:15	BA	474361
Freon 114	TO15 SIM	1.30	0.0154	0.0454	0.109	0.02		05/01/23	16:15	BA	474361

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 5/1/23 11:00:00AM
Prep Batch ID: 1150655 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichlorofluoromethane	TO15 SIM	26.00	0.317	0.731	23.5	4.18		05/01/23	18:48	BA	474361
2-Propanol (Isopropyl Alcohol)	TO15 SIM	26.00	0.404	3.20	38.1	15.49		05/01/23	18:48	BA	474361
Acetone	TO15 SIM	26.00	0.668	1.24	21.3	8.95		05/01/23	18:48	BA	474361
Hexane	TO15 SIM	26.00	0.117	0.458	2.11	0.60		05/01/23	18:48	BA	474361
Toluene	TO15 SIM	26.00	0.108	0.490	7.16	1.90		05/01/23	18:48	BA	474361
2-Hexanone	TO15 SIM	26.00	0.231	0.533	5.01	1.22		05/01/23	18:48	BA	474361

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 05/01/23, 7:10 am
Date Reported: 05/04/23

Client Sample ID:	IA-8	**Lab Sample ID:**	2305002-004A
Project Name/Location:	227 N 1st St. and 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/29/23 / 15:08	**Certified Clean WO # :**	
Canister/Tube ID:	30556	**Received PSI :**	12.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO-15SIM-P	**Prep Batch Date/Time:**	5/1/23	11:00:00AM
Prep Batch ID:	1150655	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15 SIM	1.30	0.0231	0.0644	ND	ND		05/01/23	16:57	BA	474361
Chloromethane	TO15 SIM	1.30	0.0112	0.0269	0.549	0.27		05/01/23	16:57	BA	474361
Vinyl Chloride	TO15 SIM	1.30	0.00476	0.00998	0.00998	0.00		05/01/23	16:57	BA	474361
1,3-Butadiene	TO15 SIM	1.30	0.0286	0.0575	0.158	0.07		05/01/23	16:57	BA	474361
Bromomethane	TO15 SIM	1.30	0.0106	0.0252	0.0454	0.01		05/01/23	16:57	BA	474361
Chloroethane	TO15 SIM	1.30	0.00271	0.0172	ND	ND		05/01/23	16:57	BA	474361
Trichlorofluoromethane	TO15 SIM	1.30	0.0159	0.0365	2.86	0.51		05/01/23	16:57	BA	474361
1,1-Dichloroethene	TO15 SIM	1.30	0.00872	0.0258	0.0723	0.02		05/01/23	16:57	BA	474361
tert-Butanol	TO15 SIM	1.30	0.0149	0.0394	1.52	0.50		05/01/23	16:57	BA	474361
Methylene Chloride	TO15 SIM	1.30	0.0189	0.0451	0.483	0.14		05/01/23	16:57	BA	474361
Freon 113	TO15 SIM	1.30	0.0168	0.0498	0.548	0.07		05/01/23	16:57	BA	474361
Carbon disulfide	TO15 SIM	1.30	0.00368	0.0202	0.352	0.11		05/01/23	16:57	BA	474361
trans-1,2-Dichloroethene	TO15 SIM	1.30	0.00484	0.0257	ND	ND		05/01/23	16:57	BA	474361
MTBE	TO15 SIM	1.30	0.00807	0.0235	0.122	0.03		05/01/23	16:57	BA	474361
1,1-Dichloroethane	TO15 SIM	1.30	0.00648	0.0263	ND	ND		05/01/23	16:57	BA	474361
Vinyl Acetate	TO15 SIM	1.30	0.00654	0.0229	ND	ND		05/01/23	16:57	BA	474361
2-Butanone (MEK)	TO15 SIM	1.30	0.00353	0.0192	1.02	0.35		05/01/23	16:57	BA	474361
Diisopropyl ether (DIPE)	TO15 SIM	1.30	0.00571	0.0272	ND	ND		05/01/23	16:57	BA	474361
cis-1,2-Dichloroethene	TO15 SIM	1.30	0.00525	0.0257	ND	ND		05/01/23	16:57	BA	474361
Ethyl Acetate	TO15 SIM	1.30	0.00431	0.0234	1.39	0.39		05/01/23	16:57	BA	474361
Chloroform	TO15 SIM	1.30	0.0105	0.0317	0.133	0.03		05/01/23	16:57	BA	474361
ETBE	TO15 SIM	1.30	0.00619	0.0272	0.0706	0.02		05/01/23	16:57	BA	474361
Tetrahydrofuran	TO15 SIM	1.30	0.0371	0.0767	2.02	0.68		05/01/23	16:57	BA	474361
1,2-Dichloroethane (EDC)	TO15 SIM	1.30	0.00648	0.0263	0.0737	0.02		05/01/23	16:57	BA	474361
1,1,1-Trichloroethane	TO15 SIM	1.30	0.0106	0.0355	ND	ND		05/01/23	16:57	BA	474361
Carbon Tetrachloride	TO15 SIM	1.30	0.0110	0.0409	0.499	0.08		05/01/23	16:57	BA	474361
Benzene	TO15 SIM	1.30	0.0436	0.0829	0.523	0.16		05/01/23	16:57	BA	474361
TAME	TO15 SIM	1.30	0.00321	0.0272	ND	ND		05/01/23	16:57	BA	474361
1,2-Dichloropropane	TO15 SIM	1.30	0.00613	0.0300	ND	ND		05/01/23	16:57	BA	474361
Trichloroethylene	TO15 SIM	1.30	0.0145	0.0349	ND	ND		05/01/23	16:57	BA	474361
Bromodichloromethane	TO15 SIM	1.30	0.00723	0.0436	3.63	0.54		05/01/23	16:57	BA	474361
1,4-Dioxane	TO15 SIM	1.30	0.0139	0.0234	0.0281	0.01		05/01/23	16:57	BA	474361
cis-1,3-Dichloropropene	TO15 SIM	1.30	0.00466	0.0295	0.0354	0.01		05/01/23	16:57	BA	474361
trans-1,3-Dichloropropene	TO15 SIM	1.30	0.00519	0.0295	ND	ND		05/01/23	16:57	BA	474361
1,1,2-Trichloroethane	TO15 SIM	1.30	0.00419	0.0355	1.33	0.24		05/01/23	16:57	BA	474361
Dibromochloromethane	TO15 SIM	1.30	0.0278	0.0554	ND	ND		05/01/23	16:57	BA	474361
1,2-Dibromoethane (EDB)	TO15 SIM	1.30	0.00539	0.0499	0.160	0.02		05/01/23	16:57	BA	474361

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 05/01/23, 7:10 am
Date Reported: 05/04/23

Client Sample ID:	IA-8	**Lab Sample ID:**	2305002-004A
Project Name/Location:	227 N 1st St. and 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/29/23 / 15:08	**Certified Clean WO # :**	
Canister/Tube ID:	30556	**Received PSI :**	12.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 5/1/23 11:00:00AM
Prep Batch ID: 1150655 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Tetrachloroethylene	TO15 SIM	1.30	0.0334	0.0881	0.264	0.04		05/01/23	16:57	BA	474361
1,1,1,2-Tetrachloroethane	TO15 SIM	1.30	0.0116	0.0447	ND	ND		05/01/23	16:57	BA	474361
Chlorobenzene	TO15 SIM	1.30	0.00299	0.00598	0.0299	0.01		05/01/23	16:57	BA	474361
Ethyl Benzene	TO15 SIM	1.30	0.00305	0.0282	0.745	0.17		05/01/23	16:57	BA	474361
m,p-Xylene	TO15 SIM	1.30	0.00344	0.0564	2.91	0.67		05/01/23	16:57	BA	474361
Bromoform	TO15 SIM	1.30	0.0444	0.134	ND	ND		05/01/23	16:57	BA	474361
Styrene	TO15 SIM	1.30	0.00404	0.0277	0.0609	0.01		05/01/23	16:57	BA	474361
1,1,2,2-tetrachloroethane	TO15 SIM	1.30	0.00304	0.0893	0.295	0.04		05/01/23	16:57	BA	474361
o-Xylene	TO15 SIM	1.30	0.00288	0.0282	0.0790	0.02		05/01/23	16:57	BA	474361
4-Ethyl toluene	TO15 SIM	1.30	0.00448	0.0320	ND	ND		05/01/23	16:57	BA	474361
1,3,5-Trimethylbenzene	TO15 SIM	1.30	0.00461	0.0320	0.678	0.14		05/01/23	16:57	BA	474361
1,2,4-Trimethylbenzene	TO15 SIM	1.30	0.00435	0.0320	3.38	0.69		05/01/23	16:57	BA	474361
1,3-Dichlorobenzene	TO15 SIM	1.30	0.00734	0.0391	0.0469	0.01		05/01/23	16:57	BA	474361
1,4-Dichlorobenzene	TO15 SIM	1.30	0.00672	0.0391	0.391	0.07		05/01/23	16:57	BA	474361
1,2-Dichlorobenzene	TO15 SIM	1.30	0.00734	0.0391	0.0391	0.01		05/01/23	16:57	BA	474361
1,2,4-Trichlorobenzene	TO15 SIM	1.30	0.0864	0.0482	0.0675	0.01		05/01/23	16:57	BA	474361
Naphthalene	TO15 SIM	1.30	0.00613	0.0341	1.75	0.33		05/01/23	16:57	BA	474361
Hexachlorobutadiene	TO15 SIM	1.30	0.138	0.277	ND	ND		05/01/23	16:57	BA	474361
Freon 114	TO15 SIM	1.30	0.0154	0.0454	0.109	0.02		05/01/23	16:57	BA	474361

Prep Method: TO-15SIM-P **Prep Batch Date/Time:** 5/1/23 11:00:00AM
Prep Batch ID: 1150655 **Prep Analyst:** BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Propanol (Isopropyl Alcohol)	TO15 SIM	26.00	0.404	3.20	28.0	11.38		05/01/23	19:13	BA	474361
Acetone	TO15 SIM	26.00	0.668	1.24	68.3	28.70		05/01/23	19:13	BA	474361
Hexane	TO15 SIM	26.00	0.117	0.458	3.94	1.12		05/01/23	19:13	BA	474361
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	26.00	0.167	0.533	4.26	1.04		05/01/23	19:13	BA	474361
Toluene	TO15 SIM	26.00	0.108	0.490	5.59	1.48		05/01/23	19:13	BA	474361
2-Hexanone	TO15 SIM	26.00	0.231	0.533	52.3	12.76		05/01/23	19:13	BA	474361

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 05/01/23, 7:10 am
Date Reported: 05/04/23

Client Sample ID:	AMB-2	**Lab Sample ID:**	2305002-005A
Project Name/Location:	227 N 1st St. and 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/29/23 / 16:10	**Certified Clean WO # :**	
Canister/Tube ID:	15708	**Received PSI :**	9.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO-15SIM-P	**Prep Batch Date/Time:**	5/1/23 11:00:00AM
Prep Batch ID:	1150655	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	TO15 SIM	1.80	0.0320	0.0891	ND	ND		05/01/23	17:36	BA	474361
Chloromethane	TO15 SIM	1.80	0.0156	0.0373	0.421	0.20		05/01/23	17:36	BA	474361
Vinyl Chloride	TO15 SIM	1.80	0.00659	0.0138	ND	ND		05/01/23	17:36	BA	474361
1,3-Butadiene	TO15 SIM	1.80	0.0395	0.0796	0.0796	0.04		05/01/23	17:36	BA	474361
Bromomethane	TO15 SIM	1.80	0.0147	0.0349	0.0489	0.01		05/01/23	17:36	BA	474361
Chloroethane	TO15 SIM	1.80	0.00375	0.0238	0.0238	0.01		05/01/23	17:36	BA	474361
Trichlorofluoromethane	TO15 SIM	1.80	0.0220	0.0506	1.78	0.32		05/01/23	17:36	BA	474361
1,1-Dichloroethene	TO15 SIM	1.80	0.0121	0.0357	0.0858	0.02		05/01/23	17:36	BA	474361
tert-Butanol	TO15 SIM	1.80	0.0207	0.0545	0.922	0.30		05/01/23	17:36	BA	474361
Methylene Chloride	TO15 SIM	1.80	0.0261	0.0625	0.512	0.15		05/01/23	17:36	BA	474361
Freon 113	TO15 SIM	1.80	0.0233	0.0689	0.607	0.08		05/01/23	17:36	BA	474361
Carbon disulfide	TO15 SIM	1.80	0.00509	0.0280	0.196	0.06		05/01/23	17:36	BA	474361
trans-1,2-Dichloroethene	TO15 SIM	1.80	0.00670	0.0356	ND	ND		05/01/23	17:36	BA	474361
MTBE	TO15 SIM	1.80	0.0112	0.0325	ND	ND		05/01/23	17:36	BA	474361
1,1-Dichloroethane	TO15 SIM	1.80	0.00897	0.0365	ND	ND		05/01/23	17:36	BA	474361
Vinyl Acetate	TO15 SIM	1.80	0.00906	0.0317	ND	ND		05/01/23	17:36	BA	474361
Hexane	TO15 SIM	1.80	0.00811	0.0317	0.165	0.05		05/01/23	17:36	BA	474361
2-Butanone (MEK)	TO15 SIM	1.80	0.00489	0.0266	1.07	0.36		05/01/23	17:36	BA	474361
Diisopropyl ether (DIPE)	TO15 SIM	1.80	0.00790	0.0376	ND	ND		05/01/23	17:36	BA	474361
cis-1,2-Dichloroethene	TO15 SIM	1.80	0.00727	0.0356	ND	ND		05/01/23	17:36	BA	474361
Ethyl Acetate	TO15 SIM	1.80	0.00596	0.0324	1.62	0.45		05/01/23	17:36	BA	474361
Chloroform	TO15 SIM	1.80	0.0146	0.0439	0.123	0.03		05/01/23	17:36	BA	474361
ETBE	TO15 SIM	1.80	0.00858	0.0376	ND	ND		05/01/23	17:36	BA	474361
Tetrahydrofuran	TO15 SIM	1.80	0.0514	0.106	0.366	0.12		05/01/23	17:36	BA	474361
1,2-Dichloroethane (EDC)	TO15 SIM	1.80	0.00897	0.0365	0.0802	0.02		05/01/23	17:36	BA	474361
1,1,1-Trichloroethane	TO15 SIM	1.80	0.0147	0.0491	ND	ND		05/01/23	17:36	BA	474361
Carbon Tetrachloride	TO15 SIM	1.80	0.0153	0.0566	0.521	0.08		05/01/23	17:36	BA	474361
Benzene	TO15 SIM	1.80	0.0603	0.115	0.649	0.20		05/01/23	17:36	BA	474361
TAME	TO15 SIM	1.80	0.00444	0.0376	ND	ND		05/01/23	17:36	BA	474361
1,2-Dichloropropane	TO15 SIM	1.80	0.00848	0.0416	ND	ND		05/01/23	17:36	BA	474361
Trichloroethylene	TO15 SIM	1.80	0.0201	0.0483	ND	ND		05/01/23	17:36	BA	474361
Bromodichloromethane	TO15 SIM	1.80	0.0100	0.0603	ND	ND		05/01/23	17:36	BA	474361
1,4-Dioxane	TO15 SIM	1.80	0.0192	0.0324	0.0518	0.01		05/01/23	17:36	BA	474361
cis-1,3-Dichloropropene	TO15 SIM	1.80	0.00646	0.0409	ND	ND		05/01/23	17:36	BA	474361
4-Methyl-2-Pentanone (MIBK)	TO15 SIM	1.80	0.0116	0.0369	0.236	0.06		05/01/23	17:36	BA	474361
trans-1,3-Dichloropropene	TO15 SIM	1.80	0.00719	0.0409	ND	ND		05/01/23	17:36	BA	474361
1,1,2-Trichloroethane	TO15 SIM	1.80	0.00580	0.0491	0.0786	0.01		05/01/23	17:36	BA	474361

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Cade Klock
AEI Consultants

Date/Time Received: 05/01/23, 7:10 am
Date Reported: 05/04/23

Client Sample ID:	AMB-2	**Lab Sample ID:**	2305002-005A
Project Name/Location:	227 N 1st St. and 240 N 2nd St,San Jose	**Sample Matrix:**	Air
Project Number:	477886		
Date/Time Sampled:	04/29/23 / 16:10	**Certified Clean WO # :**	
Canister/Tube ID:	15708	**Received PSI :**	9.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method: TO-15SIM-P
Prep Batch ID: 1150655
Prep Batch Date/Time: 5/1/23 11:00:00AM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Toluene	TO15 SIM	1.80	0.00746	0.0339	0.855	0.23		05/01/23	17:36	BA	474361
2-Hexanone	TO15 SIM	1.80	0.0160	0.0369	3.48	0.85		05/01/23	17:36	BA	474361
Dibromochloromethane	TO15 SIM	1.80	0.0385	0.0767	ND	ND		05/01/23	17:36	BA	474361
1,2-Dibromoethane (EDB)	TO15 SIM	1.80	0.00747	0.0691	ND	ND		05/01/23	17:36	BA	474361
Tetrachloroethylene	TO15 SIM	1.80	0.0463	0.122	0.281	0.04		05/01/23	17:36	BA	474361
1,1,1,2-Tetrachloroethane	TO15 SIM	1.80	0.0161	0.0618	ND	ND		05/01/23	17:36	BA	474361
Chlorobenzene	TO15 SIM	1.80	0.00414	0.00828	0.0166	0.00		05/01/23	17:36	BA	474361
Ethyl Benzene	TO15 SIM	1.80	0.00422	0.0391	0.172	0.04		05/01/23	17:36	BA	474361
m,p-Xylene	TO15 SIM	1.80	0.00477	0.0781	0.508	0.12		05/01/23	17:36	BA	474361
Bromoform	TO15 SIM	1.80	0.0614	0.186	ND	ND		05/01/23	17:36	BA	474361
Styrene	TO15 SIM	1.80	0.00560	0.0383	ND	ND		05/01/23	17:36	BA	474361
1,1,2,2-tetrachloroethane	TO15 SIM	1.80	0.00420	0.124	0.334	0.05		05/01/23	17:36	BA	474361
o-Xylene	TO15 SIM	1.80	0.00398	0.0391	0.203	0.05		05/01/23	17:36	BA	474361
4-Ethyl toluene	TO15 SIM	1.80	0.00620	0.0443	0.257	0.05		05/01/23	17:36	BA	474361
1,3,5-Trimethylbenzene	TO15 SIM	1.80	0.00638	0.0443	0.0797	0.02		05/01/23	17:36	BA	474361
1,2,4-Trimethylbenzene	TO15 SIM	1.80	0.00602	0.0443	0.230	0.05		05/01/23	17:36	BA	474361
1,3-Dichlorobenzene	TO15 SIM	1.80	0.0102	0.0541	ND	ND		05/01/23	17:36	BA	474361
1,4-Dichlorobenzene	TO15 SIM	1.80	0.00930	0.0541	0.0757	0.01		05/01/23	17:36	BA	474361
1,2-Dichlorobenzene	TO15 SIM	1.80	0.0102	0.0541	ND	ND		05/01/23	17:36	BA	474361
1,2,4-Trichlorobenzene	TO15 SIM	1.80	0.120	0.0668	0.107	0.01		05/01/23	17:36	BA	474361
Naphthalene	TO15 SIM	1.80	0.00849	0.0472	0.302	0.06		05/01/23	17:36	BA	474361
Hexachlorobutadiene	TO15 SIM	1.80	0.191	0.384	ND	ND		05/01/23	17:36	BA	474361
Freon 114	TO15 SIM	1.80	0.0213	0.0629	0.113	0.02		05/01/23	17:36	BA	474361

Prep Method: TO-15SIM-P
Prep Batch ID: 1150655
Prep Batch Date/Time: 5/1/23 11:00:00AM
Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
2-Propanol (Isopropyl Alcohol)	TO15 SIM	36.00	0.560	4.43	17.1	6.95		05/01/23	19:37	BA	474361
Acetone	TO15 SIM	36.00	0.925	1.71	8.40	3.53		05/01/23	19:37	BA	474361

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2305002	**Prep Method:**	TO-15SIM-P	**Prep Date:**	05/01/23	**Prep Batch:**	1150655
Matrix:	Air	**Analytical Method:**	TO15 SIM	**Analyzed Date:**	5/1/2023	**Analytical Batch:**	474361
Units:	ug/m3						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.011	0.0050	ND	0.100	112	113	0.889	65 - 135	30	
Benzene	0.0021	0.020	0.032	0.100	95.0	83.0	13.5	65 - 135	30	
Trichloroethylene	0.0011	0.0050	ND	0.100	104	109	4.69	65 - 135	30	
Toluene	0.00050	0.0050	ND	0.100	98.0	104	5.94	65 - 135	30	
Chlorobenzene	0.0017	0.0050	ND	0.100	103	104	0.966	65 - 135	30	

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: AEI Consultants

Project Name: 227 N 1st St. and 240 N 2nd St,San Jose

Work Order No.: 2305002

Date and Time Received: 5/1/2023 7:10:00AM

Received By: Lorna Imbat

Physically Logged By: Lorna Imbat

Checklist Completed By: Lorna Imbat

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes
Container/Temp Blank temperature in compliance?	Temperature: °C
Water-VOA vials have zero headspace?	No VOA vials submitted
Water-pH acceptable upon receipt?	N/A

pH Checked by: n/a

pH Adjusted by: n/a

Comments:

Login Summary Report

Client ID: TL5781 AEI Consultants
Project Name: 227 N 1st St. and 240 N 2nd St,San Jose
Project # : 477886
Report Due Date: 5/4/2023

QC Level: II
TAT Requested: 3 Day Rush:3
Date Received: 5/1/2023
Time Received: 7:10 am

Comments:

Work Order # : ***2305002***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2305002-001A	IA-5	04/29/23 15:03	Air				VOC_A_TO15SIM	
2305002-002A	IA-6	04/29/23 15:00	Air				VOC_A_TO15SIM	
2305002-003A	IA-7	04/29/23 15:07	Air				VOC_A_TO15SIM	
2305002-004A	IA-8	04/29/23 15:08	Air				VOC_A_TO15SIM	
2305002-005A	AMB-2	04/29/23 16:10	Air				VOC_A_TO15SIM	

Torrent LABORATORY, INC.

483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

Reset

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 2305002

Company Name: AEI Consultants ☐ Env. ☐ Special
Address: 2500 Camino Diablo
City: Walnut Creek State: CA Zip Code: 94597
Telephone: (925) 746-6000 Cell: (408) 442-2605
REPORT TO: Cade Block, Jeremy Smith, Natasha Budiwinoto BILL TO: AEI Consultants
Project #: 477886 PO #:
Project Name: 227 N. 1st St and 240 N. 2nd St., San Jose
Comments: 72-hr rush analysis
SAMPLER: Natasha Budiwinoto Quote #:
EMAIL: cblock@aeiconsultants.com, nbudiwinoto@aeiconsultants.com, jasmith@aeiconsultants.com

TURNAROUND TIME:
☐ 2 - 8 Hours ☐ 2 Work Days ☐ 5 Work Days
☐ Noon - Nxt Day ☑ 3 Work Days ☐ 7 Work Days
☐ 1 Work Day ☐ 4 Work Days ☐ 10 Work Days

SAMPLE TYPE:
☑ Indoor Air
☑ Ambient Air
☐ Soil Gas Vapor
☐ Other

REPORT FORMAT:
☐ Level II - Std.
☐ Excel - EDD
☐ EDF ☐ Std.-EDD
☐ QC Level III
☐ QC Level IV

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	CANISTER I.D.	Initial Vac.	Final Vac.	Flow Controller #	TO 15	TO 15 SIM - VOCs	TO 17	REMARKS
-001A	IA-5	4-29-23/1503	air	1	6L 1L	32746	-30	0	4781	☐	☒	☐	
-002A	IA-6	4/29/23/1506	air	1	6L 1L	15981	-30	0	4747	☐	☒	☐	
-003A	IA-7	4-29-23/1507	air	1	6L 1L	471	-30	-5	4749	☐	☒	☐	
-004A	IA-8	4-29-23/1508	air	1	6L 1L	20556	-29.5	-4.5	4759	☐	☒	☐	
-005A	AMB-2	4-29-23 1610	air	1	6L 1L	15708	-29	-11	439	☐	☒	☐	
					6L 1L					☐	☐	☐	
					6L 1L					☐	☐	☐	
					6L 1L					☐	☐	☐	
					6L 1L					☐	☐	☐	
					6L 1L					☐	☐	☐	

RUSH 3day
Date Due:
Time Due:

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1		J. Stromberg	5/1/23	0710		L-D- Imbat	5-1-23	7:10
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition? ☑ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment D/O Sample seals intact? ☐ Yes ☐ NO ☐ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Log In By: Date: Labeled By: Date: Temp °C

Page 1 of 1 Rev. 5

Read canister @ ambient temp

ANALYTICAL REPORT

May 11, 2023

AEI Consultants - CA

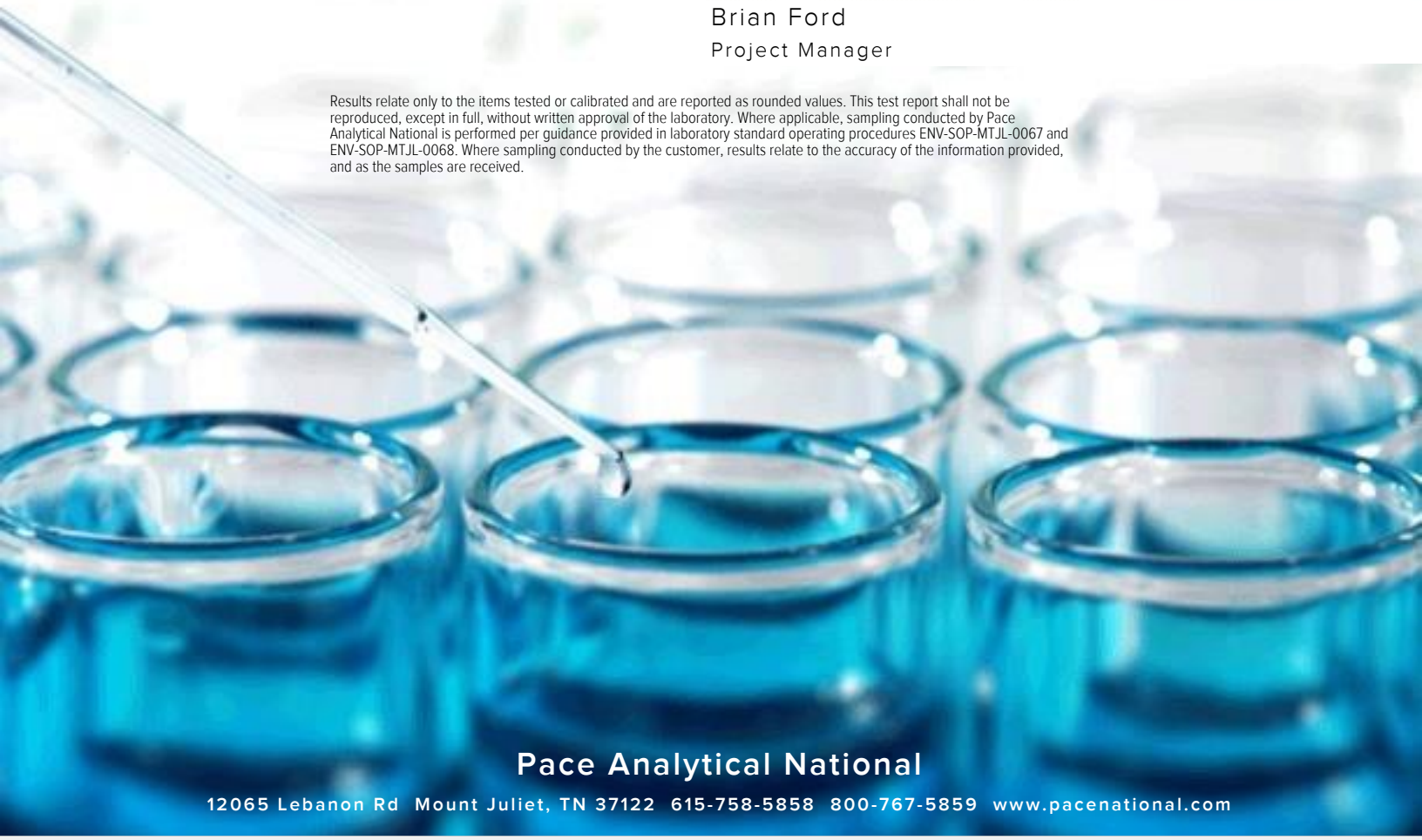
Sample Delivery Group:	L1610319
Samples Received:	04/28/2023
Project Number:	477886
Description:	2247 N 1st St & 240 N 2nd St San Jose

Report To: Jeremy Smith
2500 Camino Diablo
Walnut Creek, CA 94597

Entire Report Reviewed By: Brian Ford

Brian Ford
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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CS-1 L1610319-01 Air

Collected by: N. B | Collected date/time: 04/27/23 14:32 | Received date/time: 04/28/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2053369	1	05/03/23 21:35	05/03/23 21:35	MBF	Mt. Juliet, TN

CS-2 L1610319-02 Air

Collected by: N. B | Collected date/time: 04/27/23 13:36 | Received date/time: 04/28/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2053369	1	05/03/23 22:13	05/03/23 22:13	SDS	Mt. Juliet, TN

CS-3 L1610319-03 Air

Collected by: N. B | Collected date/time: 04/27/23 14:08 | Received date/time: 04/28/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2053369	1	05/03/23 22:51	05/03/23 22:51	SDS	Mt. Juliet, TN

CS-4 L1610319-04 Air

Collected by: N. B | Collected date/time: 04/27/23 13:55 | Received date/time: 04/28/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2053369	1	05/03/23 23:28	05/03/23 23:28	SDS	Mt. Juliet, TN

SS-5 L1610319-05 Air

Collected by: N. B | Collected date/time: 04/27/23 11:53 | Received date/time: 04/28/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2053369	1	05/04/23 00:06	05/04/23 00:06	SDS	Mt. Juliet, TN
Organic Compounds (GC) by Method ASTM 1946	WG2051958	1	05/01/23 16:47	05/01/23 16:47	CCM	Mt. Juliet, TN

SS-6 L1610319-06 Air

Collected by: N. B | Collected date/time: 04/27/23 12:16 | Received date/time: 04/28/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2053369	1	05/04/23 00:44	05/04/23 00:44	SDS	Mt. Juliet, TN
Organic Compounds (GC) by Method ASTM 1946	WG2051958	1	05/01/23 16:54	05/01/23 16:54	CCM	Mt. Juliet, TN

SS-7 L1610319-07 Air

Collected by: N. B | Collected date/time: 04/27/23 12:39 | Received date/time: 04/28/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2053369	1	05/04/23 01:22	05/04/23 01:22	SDS	Mt. Juliet, TN
Organic Compounds (GC) by Method ASTM 1946	WG2051958	1	05/01/23 16:57	05/01/23 16:57	CCM	Mt. Juliet, TN

SS-8 L1610319-08 Air

Collected by: N. B | Collected date/time: 04/27/23 13:00 | Received date/time: 04/28/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2053369	1	05/04/23 01:59	05/04/23 01:59	SDS	Mt. Juliet, TN
Organic Compounds (GC) by Method ASTM 1946	WG2051958	1	05/01/23 17:00	05/01/23 17:00	CCM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Brian Ford
Project Manager

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	5.23	12.4		1	WG2053369
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2053369
Benzene	71-43-2	78.10	0.200	0.639	0.316	1.01		1	WG2053369
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2053369
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2053369
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG2053369
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2053369
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2053369
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG2053369
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG2053369
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2053369
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2053369
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2053369
Chloromethane	74-87-3	50.50	0.200	0.413	0.450	0.929		1	WG2053369
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2053369
Cyclohexane	110-82-7	84.20	0.200	0.689	0.502	1.73		1	WG2053369
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2053369
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2053369
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2053369
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2053369
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG2053369
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2053369
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2053369
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2053369
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2053369
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG2053369
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2053369
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2053369
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2053369
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG2053369
Ethanol	64-17-5	46.10	2.50	4.71	8.27	15.6		1	WG2053369
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG2053369
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG2053369
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.205	1.15		1	WG2053369
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.469	2.32		1	WG2053369
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG2053369
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2053369
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG2053369
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2053369
n-Hexane	110-54-3	86.20	0.630	2.22	0.730	2.57		1	WG2053369
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2053369
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.284	0.986		1	WG2053369
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2053369
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG2053369
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG2053369
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG2053369
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG2053369
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2053369
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG2053369
Propene	115-07-1	42.10	1.25	2.15	ND	ND		1	WG2053369
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG2053369
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2053369
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG2053369
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG2053369
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG2053369
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2053369

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2053369
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2053369
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG2053369
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG2053369
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG2053369
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	1.70	7.94		1	WG2053369
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2053369
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2053369
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG2053369
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG2053369
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG2053369
1,1-Difluoroethane	75-37-6	66.05	1.00	2.70	1.09	2.94		1	WG2053369
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.3*				WG2053369

Sample Narrative:

L1610319-01 WG2053369: Potential carryover for n-Hexane and Cyclohexane.

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	2.57	6.11		1	WG2053369
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2053369
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG2053369
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2053369
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2053369
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG2053369
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2053369
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2053369
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG2053369
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG2053369
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2053369
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2053369
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2053369
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG2053369
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2053369
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG2053369
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2053369
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2053369
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2053369
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2053369
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG2053369
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2053369
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2053369
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2053369
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2053369
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	0.352	1.40		1	WG2053369
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2053369
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2053369
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2053369
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG2053369
Ethanol	64-17-5	46.10	2.50	4.71	12.8	24.1		1	WG2053369
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG2053369
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG2053369
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.214	1.20		1	WG2053369
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.461	2.28		1	WG2053369
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG2053369
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2053369
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG2053369
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2053369
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG2053369
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2053369
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.235	0.816		1	WG2053369
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2053369
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG2053369
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG2053369
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG2053369
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG2053369
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2053369
2-Propanol	67-63-0	60.10	1.25	3.07	1.95	4.79		1	WG2053369
Propene	115-07-1	42.10	1.25	2.15	ND	ND		1	WG2053369
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG2053369
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2053369
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG2053369
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG2053369
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG2053369
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2053369

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2053369
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2053369
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG2053369
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG2053369
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG2053369
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG2053369
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2053369
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2053369
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG2053369
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG2053369
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG2053369
1,1-Difluoroethane	75-37-6	66.05	1.00	2.70	2.03	5.48		1	WG2053369
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.6*				WG2053369

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	1.37	3.26		1	WG2053369
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2053369
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG2053369
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2053369
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2053369
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG2053369
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2053369
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2053369
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG2053369
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG2053369
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2053369
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2053369
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2053369
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG2053369
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2053369
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG2053369
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2053369
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2053369
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2053369
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2053369
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG2053369
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2053369
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2053369
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2053369
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2053369
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG2053369
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2053369
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2053369
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2053369
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG2053369
Ethanol	64-17-5	46.10	2.50	4.71	5.85	11.0		1	WG2053369
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG2053369
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG2053369
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.231	1.30		1	WG2053369
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.486	2.40		1	WG2053369
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG2053369
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2053369
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG2053369
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2053369
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG2053369
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2053369
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG2053369
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2053369
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG2053369
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG2053369
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG2053369
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG2053369
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2053369
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG2053369
Propene	115-07-1	42.10	1.25	2.15	ND	ND		1	WG2053369
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG2053369
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2053369
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG2053369
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG2053369
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG2053369
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2053369

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2053369
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2053369
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG2053369
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG2053369
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG2053369
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG2053369
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2053369
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2053369
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG2053369
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG2053369
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG2053369
1,1-Difluoroethane	75-37-6	66.05	1.00	2.70	4.51	12.2		1	WG2053369
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.8*				WG2053369

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	1.80	4.28		1	WG2053369
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2053369
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG2053369
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2053369
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2053369
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG2053369
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2053369
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2053369
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG2053369
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG2053369
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2053369
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2053369
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2053369
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG2053369
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2053369
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG2053369
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2053369
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2053369
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2053369
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2053369
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG2053369
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2053369
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2053369
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2053369
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2053369
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG2053369
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2053369
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2053369
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2053369
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG2053369
Ethanol	64-17-5	46.10	2.50	4.71	13.0	24.5		1	WG2053369
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG2053369
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG2053369
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.223	1.25		1	WG2053369
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.491	2.43		1	WG2053369
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG2053369
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2053369
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG2053369
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2053369
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG2053369
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2053369
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.442	1.53		1	WG2053369
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2053369
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG2053369
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG2053369
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG2053369
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG2053369
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2053369
2-Propanol	67-63-0	60.10	1.25	3.07	1.33	3.27		1	WG2053369
Propene	115-07-1	42.10	1.25	2.15	ND	ND		1	WG2053369
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG2053369
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2053369
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG2053369
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG2053369
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG2053369
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2053369

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2053369
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2053369
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG2053369
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG2053369
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG2053369
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG2053369
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2053369
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2053369
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG2053369
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG2053369
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG2053369
1,1-Difluoroethane	75-37-6	66.05	1.00	2.70	4.92	13.3		1	WG2053369
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*100*				WG2053369

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	160	380	E	1	WG2053369
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2053369
Benzene	71-43-2	78.10	0.200	0.639	3.99	12.7		1	WG2053369
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2053369
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2053369
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG2053369
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2053369
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2053369
Carbon disulfide	75-15-0	76.10	0.200	0.622	2.57	8.00		1	WG2053369
Carbon tetrachloride	56-23-5	154	0.200	1.26	0.247	1.56		1	WG2053369
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2053369
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2053369
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2053369
Chloromethane	74-87-3	50.50	0.200	0.413	0.673	1.39		1	WG2053369
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2053369
Cyclohexane	110-82-7	84.20	0.200	0.689	4.80	16.5		1	WG2053369
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2053369
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2053369
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2053369
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2053369
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG2053369
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2053369
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2053369
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2053369
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2053369
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	0.443	1.76		1	WG2053369
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2053369
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2053369
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2053369
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG2053369
Ethanol	64-17-5	46.10	2.50	4.71	254	479	E	1	WG2053369
Ethylbenzene	100-41-4	106	0.200	0.867	0.804	3.49		1	WG2053369
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.608	2.98		1	WG2053369
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	2.62	14.7		1	WG2053369
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.494	2.44		1	WG2053369
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG2053369
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2053369
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG2053369
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2053369
n-Hexane	110-54-3	86.20	0.630	2.22	7.48	26.4		1	WG2053369
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2053369
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.413	1.43		1	WG2053369
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2053369
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	7.12	21.0		1	WG2053369
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG2053369
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG2053369
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG2053369
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2053369
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG2053369
Propene	115-07-1	42.10	1.25	2.15	ND	ND		1	WG2053369
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG2053369
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2053369
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.448	3.04		1	WG2053369
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG2053369
Toluene	108-88-3	92.10	0.500	1.88	5.38	20.3		1	WG2053369
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2053369

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2053369
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2053369
Trichloroethylene	79-01-6	131	0.200	1.07	0.312	1.67		1	WG2053369
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.680	3.34		1	WG2053369
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.313	1.54		1	WG2053369
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.580	2.71		1	WG2053369
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2053369
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2053369
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG2053369
m&p-Xylene	1330-20-7	106	0.400	1.73	3.13	13.6		1	WG2053369
o-Xylene	95-47-6	106	0.200	0.867	1.04	4.51		1	WG2053369
1,1-Difluoroethane	75-37-6	66.05	1.00	2.70	ND	ND		1	WG2053369
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*103*				WG2053369

Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		0.100	ND		1	WG2051958

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	207	492	E	1	WG2053369
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2053369
Benzene	71-43-2	78.10	0.200	0.639	1.35	4.31		1	WG2053369
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2053369
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2053369
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG2053369
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2053369
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2053369
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG2053369
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG2053369
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2053369
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2053369
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2053369
Chloromethane	74-87-3	50.50	0.200	0.413	0.444	0.917		1	WG2053369
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2053369
Cyclohexane	110-82-7	84.20	0.200	0.689	1.73	5.96		1	WG2053369
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2053369
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2053369
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2053369
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2053369
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG2053369
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2053369
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2053369
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2053369
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2053369
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG2053369
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2053369
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2053369
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2053369
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG2053369
Ethanol	64-17-5	46.10	2.50	4.71	305	575	E	1	WG2053369
Ethylbenzene	100-41-4	106	0.200	0.867	0.496	2.15		1	WG2053369
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.349	1.71		1	WG2053369
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	2.13	12.0		1	WG2053369
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.496	2.45		1	WG2053369
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG2053369
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2053369
Heptane	142-82-5	100	0.200	0.818	0.952	3.89		1	WG2053369
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2053369
n-Hexane	110-54-3	86.20	0.630	2.22	5.49	19.4		1	WG2053369
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2053369
Methylene Chloride	75-09-2	84.90	0.200	0.694	1.93	6.70		1	WG2053369
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2053369
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	8.95	26.4		1	WG2053369
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG2053369
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG2053369
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG2053369
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2053369
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG2053369
Propene	115-07-1	42.10	1.25	2.15	ND	ND		1	WG2053369
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG2053369
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2053369
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG2053369
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG2053369
Toluene	108-88-3	92.10	0.500	1.88	2.87	10.8		1	WG2053369
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2053369

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2053369
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2053369
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG2053369
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.384	1.88		1	WG2053369
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.207	1.02		1	WG2053369
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.317	1.48		1	WG2053369
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2053369
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2053369
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG2053369
m&p-Xylene	1330-20-7	106	0.400	1.73	1.97	8.54		1	WG2053369
o-Xylene	95-47-6	106	0.200	0.867	0.660	2.86		1	WG2053369
1,1-Difluoroethane	75-37-6	66.05	1.00	2.70	9.85	26.6		1	WG2053369
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*102*				WG2053369

Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		0.100	ND		1	WG2051958

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	47.3	112		1	WG2053369
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2053369
Benzene	71-43-2	78.10	0.200	0.639	0.921	2.94		1	WG2053369
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2053369
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2053369
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG2053369
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2053369
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2053369
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG2053369
Carbon tetrachloride	56-23-5	154	0.200	1.26	0.299	1.88		1	WG2053369
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2053369
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2053369
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2053369
Chloromethane	74-87-3	50.50	0.200	0.413	0.367	0.758		1	WG2053369
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2053369
Cyclohexane	110-82-7	84.20	0.200	0.689	3.45	11.9		1	WG2053369
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2053369
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2053369
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2053369
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2053369
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG2053369
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2053369
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2053369
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2053369
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2053369
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	1.65	6.54		1	WG2053369
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2053369
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2053369
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2053369
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG2053369
Ethanol	64-17-5	46.10	2.50	4.71	132	249	E	1	WG2053369
Ethylbenzene	100-41-4	106	0.200	0.867	0.227	0.984		1	WG2053369
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG2053369
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.886	4.98		1	WG2053369
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.507	2.51		1	WG2053369
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG2053369
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2053369
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG2053369
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2053369
n-Hexane	110-54-3	86.20	0.630	2.22	0.980	3.46		1	WG2053369
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2053369
Methylene Chloride	75-09-2	84.90	0.200	0.694	4.10	14.2		1	WG2053369
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2053369
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	2.60	7.67		1	WG2053369
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG2053369
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG2053369
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG2053369
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2053369
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG2053369
Propene	115-07-1	42.10	1.25	2.15	ND	ND		1	WG2053369
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG2053369
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2053369
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG2053369
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG2053369
Toluene	108-88-3	92.10	0.500	1.88	1.73	6.52		1	WG2053369
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2053369

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2053369
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2053369
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG2053369
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.249	1.22		1	WG2053369
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG2053369
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG2053369
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2053369
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2053369
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG2053369
m&p-Xylene	1330-20-7	106	0.400	1.73	0.852	3.69		1	WG2053369
o-Xylene	95-47-6	106	0.200	0.867	0.318	1.38		1	WG2053369
1,1-Difluoroethane	75-37-6	66.05	1.00	2.70	23.9	64.6		1	WG2053369
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*101*				WG2053369

Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		0.100	ND		1	WG2051958

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	343	815	E	1	WG2053369
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2053369
Benzene	71-43-2	78.10	0.200	0.639	1.87	5.97		1	WG2053369
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2053369
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2053369
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG2053369
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2053369
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2053369
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG2053369
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG2053369
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2053369
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2053369
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2053369
Chloromethane	74-87-3	50.50	0.200	0.413	0.691	1.43		1	WG2053369
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2053369
Cyclohexane	110-82-7	84.20	0.200	0.689	2.02	6.96		1	WG2053369
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2053369
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2053369
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2053369
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2053369
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	0.225	1.35		1	WG2053369
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2053369
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2053369
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2053369
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2053369
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG2053369
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2053369
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2053369
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2053369
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG2053369
Ethanol	64-17-5	46.10	2.50	4.71	211	398	E	1	WG2053369
Ethylbenzene	100-41-4	106	0.200	0.867	0.645	2.80		1	WG2053369
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.431	2.12		1	WG2053369
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	2.01	11.3		1	WG2053369
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.482	2.38		1	WG2053369
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG2053369
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2053369
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG2053369
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2053369
n-Hexane	110-54-3	86.20	0.630	2.22	2.99	10.5		1	WG2053369
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2053369
Methylene Chloride	75-09-2	84.90	0.200	0.694	2.91	10.1		1	WG2053369
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2053369
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	30.0	88.5		1	WG2053369
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	14.0	57.3		1	WG2053369
Methyl methacrylate	80-62-6	100.12	0.200	0.819	1.18	4.83		1	WG2053369
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG2053369
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2053369
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG2053369
Propene	115-07-1	42.10	1.25	2.15	ND	ND		1	WG2053369
Styrene	100-42-5	104	0.200	0.851	0.231	0.983		1	WG2053369
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2053369
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG2053369
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG2053369
Toluene	108-88-3	92.10	0.500	1.88	3.98	15.0		1	WG2053369
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2053369

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2053369
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2053369
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG2053369
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.474	2.33		1	WG2053369
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.200	0.982		1	WG2053369
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.648	3.03		1	WG2053369
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2053369
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2053369
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG2053369
m&p-Xylene	1330-20-7	106	0.400	1.73	2.33	10.1		1	WG2053369
o-Xylene	95-47-6	106	0.200	0.867	0.737	3.20		1	WG2053369
1,1-Difluoroethane	75-37-6	66.05	1.00	2.70	24.5	66.2		1	WG2053369
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*102*				WG2053369

Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		0.100	ND		1	WG2051958

Method Blank (MB)

(MB) R3920787-3 05/03/23 10:01

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.584	1.25
Allyl Chloride	U		0.114	0.200
Benzene	U		0.0715	0.200
Benzyl Chloride	U		0.0598	0.200
Bromodichloromethane	U		0.0702	0.200
Bromoform	U		0.0732	0.600
Bromomethane	U		0.0982	0.200
1,3-Butadiene	U		0.104	2.00
Carbon disulfide	U		0.102	0.200
Carbon tetrachloride	U		0.0732	0.200
Chlorobenzene	U		0.0832	0.200
Chloroethane	U		0.0996	0.200
Chloroform	U		0.0717	0.200
Chloromethane	U		0.103	0.200
2-Chlorotoluene	U		0.0828	0.200
Cyclohexane	U		0.0753	0.200
Dibromochloromethane	U		0.0727	0.200
1,2-Dibromoethane	U		0.0721	0.200
1,2-Dichlorobenzene	U		0.128	0.200
1,3-Dichlorobenzene	U		0.182	0.200
1,4-Dichlorobenzene	U		0.0557	0.200
1,2-Dichloroethane	U		0.0700	0.200
1,1-Dichloroethane	U		0.0723	0.200
1,1-Dichloroethene	U		0.0762	0.200
cis-1,2-Dichloroethene	U		0.0784	0.200
trans-1,2-Dichloroethene	U		0.0673	0.200
1,2-Dichloropropane	U		0.0760	0.200
cis-1,3-Dichloropropene	U		0.0689	0.200
trans-1,3-Dichloropropene	U		0.0728	0.200
1,4-Dioxane	U		0.0833	0.200
Ethanol	U		0.265	2.50
Ethylbenzene	U		0.0835	0.200
4-Ethyltoluene	U		0.0783	0.200
Trichlorofluoromethane	U		0.0819	0.200
Dichlorodifluoromethane	U		0.137	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0793	0.200
1,2-Dichlorotetrafluoroethane	U		0.0890	0.200
Heptane	U		0.104	0.200
Hexachloro-1,3-butadiene	U		0.105	0.630
n-Hexane	U		0.206	0.630

Method Blank (MB)

(MB) R3920787-3 05/03/23 10:01

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Isopropylbenzene	U		0.0777	0.200
Methylene Chloride	U		0.0979	0.200
Methyl Butyl Ketone	U		0.133	1.25
2-Butanone (MEK)	U		0.0814	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0765	1.25
Methyl Methacrylate	U		0.0876	0.200
MTBE	U		0.0647	0.200
Naphthalene	U		0.350	0.630
2-Propanol	U		0.264	1.25
Propene	U		0.0932	1.25
Styrene	U		0.0788	0.200
1,1,2,2-Tetrachloroethane	U		0.0743	0.200
Tetrachloroethylene	U		0.0814	0.200
Tetrahydrofuran	U		0.0734	0.200
Toluene	U		0.0870	0.500
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0736	0.200
1,1,2-Trichloroethane	U		0.0775	0.200
Trichloroethylene	U		0.0680	0.200
1,2,4-Trimethylbenzene	U		0.0764	0.200
1,3,5-Trimethylbenzene	U		0.0779	0.200
2,2,4-Trimethylpentane	U		0.133	0.200
Vinyl chloride	U		0.0949	0.200
Vinyl Bromide	U		0.0852	0.200
Vinyl acetate	U		0.116	0.200
m&p-Xylene	U		0.135	0.400
o-Xylene	U		0.0828	0.200
1,1-Difluoroethane	U		0.129	1.00
(S) 1,4-Bromofluorobenzene	*98.6*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3920787-1 05/03/23 08:45 • (LCSD) R3920787-2 05/03/23 09:23

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	3.75	3.48	3.41	92.8	90.9	70.0-130			2.03	25
Allyl Chloride	3.75	3.56	3.51	94.9	93.6	70.0-130			1.41	25
Benzene	3.75	3.55	3.51	94.7	93.6	70.0-130			1.13	25
Benzyl Chloride	3.75	3.79	3.75	101	100	70.0-152			1.06	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3920787-1 05/03/23 08:45 • (LCSD) R3920787-2 05/03/23 09:23

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromodichloromethane	3.75	3.64	3.57	97.1	95.2	70.0-130			1.94	25
Bromoform	3.75	3.66	3.62	97.6	96.5	70.0-130			1.10	25
Bromomethane	3.75	3.67	3.57	97.9	95.2	70.0-130			2.76	25
1,3-Butadiene	3.75	3.61	3.57	96.3	95.2	70.0-130			1.11	25
Carbon disulfide	3.75	3.65	3.54	97.3	94.4	70.0-130			3.06	25
Carbon tetrachloride	3.75	3.66	3.59	97.6	95.7	70.0-130			1.93	25
Chlorobenzene	3.75	3.64	3.61	97.1	96.3	70.0-130			0.828	25
Chloroethane	3.75	3.68	3.56	98.1	94.9	70.0-130			3.31	25
Chloroform	3.75	3.61	3.54	96.3	94.4	70.0-130			1.96	25
Chloromethane	3.75	3.58	3.53	95.5	94.1	70.0-130			1.41	25
2-Chlorotoluene	3.75	3.72	3.69	99.2	98.4	70.0-130			0.810	25
Cyclohexane	3.75	3.67	3.55	97.9	94.7	70.0-130			3.32	25
Dibromochloromethane	3.75	3.67	3.64	97.9	97.1	70.0-130			0.821	25
1,2-Dibromoethane	3.75	3.69	3.63	98.4	96.8	70.0-130			1.64	25
1,2-Dichlorobenzene	3.75	3.68	3.65	98.1	97.3	70.0-130			0.819	25
1,3-Dichlorobenzene	3.75	3.70	3.72	98.7	99.2	70.0-130			0.539	25
1,4-Dichlorobenzene	3.75	3.69	3.65	98.4	97.3	70.0-130			1.09	25
1,2-Dichloroethane	3.75	3.57	3.56	95.2	94.9	70.0-130			0.281	25
1,1-Dichloroethane	3.75	3.61	3.53	96.3	94.1	70.0-130			2.24	25
1,1-Dichloroethene	3.75	3.62	3.54	96.5	94.4	70.0-130			2.23	25
cis-1,2-Dichloroethene	3.75	3.61	3.54	96.3	94.4	70.0-130			1.96	25
trans-1,2-Dichloroethene	3.75	3.58	3.52	95.5	93.9	70.0-130			1.69	25
1,2-Dichloropropane	3.75	3.54	3.51	94.4	93.6	70.0-130			0.851	25
cis-1,3-Dichloropropene	3.75	3.66	3.65	97.6	97.3	70.0-130			0.274	25
trans-1,3-Dichloropropene	3.75	3.65	3.61	97.3	96.3	70.0-130			1.10	25
1,4-Dioxane	3.75	3.92	3.84	105	102	70.0-140			2.06	25
Ethanol	3.75	3.61	3.47	96.3	92.5	55.0-148			3.95	25
Ethylbenzene	3.75	3.66	3.57	97.6	95.2	70.0-130			2.49	25
4-Ethyltoluene	3.75	3.70	3.68	98.7	98.1	70.0-130			0.542	25
Trichlorofluoromethane	3.75	3.82	3.77	102	101	70.0-130			1.32	25
Dichlorodifluoromethane	3.75	3.69	3.59	98.4	95.7	64.0-139			2.75	25
1,1,2-Trichlorotrifluoroethane	3.75	3.61	3.50	96.3	93.3	70.0-130			3.09	25
1,2-Dichlorotetrafluoroethane	3.75	3.63	3.56	96.8	94.9	70.0-130			1.95	25
Heptane	3.75	3.51	3.61	93.6	96.3	70.0-130			2.81	25
Hexachloro-1,3-butadiene	3.75	3.59	3.54	95.7	94.4	70.0-151			1.40	25
n-Hexane	3.75	3.62	3.54	96.5	94.4	70.0-130			2.23	25
Isopropylbenzene	3.75	3.69	3.65	98.4	97.3	70.0-130			1.09	25
Methylene Chloride	3.75	3.46	3.41	92.3	90.9	70.0-130			1.46	25
Methyl Butyl Ketone	3.75	4.03	3.99	107	106	70.0-149			0.998	25
Methyl Ethyl Ketone	3.75	3.68	3.60	98.1	96.0	70.0-130			2.20	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3920787-1 05/03/23 08:45 • (LCSD) R3920787-2 05/03/23 09:23

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	3.75	3.76	3.69	100	98.4	70.0-139			1.88	25
Methyl Methacrylate	3.75	3.59	3.65	95.7	97.3	70.0-130			1.66	25
MTBE	3.75	3.73	3.64	99.5	97.1	70.0-130			2.44	25
Naphthalene	3.75	3.95	3.83	105	102	70.0-159			3.08	25
2-Propanol	3.75	3.65	3.56	97.3	94.9	70.0-139			2.50	25
Propene	3.75	3.63	3.57	96.8	95.2	64.0-144			1.67	25
Styrene	3.75	3.70	3.68	98.7	98.1	70.0-130			0.542	25
1,1,2,2-Tetrachloroethane	3.75	3.66	3.64	97.6	97.1	70.0-130			0.548	25
Tetrachloroethylene	3.75	3.60	3.59	96.0	95.7	70.0-130			0.278	25
Tetrahydrofuran	3.75	3.65	3.56	97.3	94.9	70.0-137			2.50	25
Toluene	3.75	3.63	3.57	96.8	95.2	70.0-130			1.67	25
1,2,4-Trichlorobenzene	3.75	3.83	3.72	102	99.2	70.0-160			2.91	25
1,1,1-Trichloroethane	3.75	3.61	3.55	96.3	94.7	70.0-130			1.68	25
1,1,2-Trichloroethane	3.75	3.61	3.59	96.3	95.7	70.0-130			0.556	25
Trichloroethylene	3.75	3.58	3.54	95.5	94.4	70.0-130			1.12	25
1,2,4-Trimethylbenzene	3.75	3.70	3.67	98.7	97.9	70.0-130			0.814	25
1,3,5-Trimethylbenzene	3.75	3.74	3.72	99.7	99.2	70.0-130			0.536	25
2,2,4-Trimethylpentane	3.75	3.67	3.60	97.9	96.0	70.0-130			1.93	25
Vinyl chloride	3.75	3.82	3.67	102	97.9	70.0-130			4.01	25
Vinyl Bromide	3.75	4.27	4.08	114	109	70.0-130			4.55	25
Vinyl acetate	3.75	3.40	3.69	90.7	98.4	70.0-130			8.18	25
m&p-Xylene	7.50	7.34	7.26	97.9	96.8	70.0-130			1.10	25
o-Xylene	3.75	3.62	3.57	96.5	95.2	70.0-130			1.39	25
1,1-Difluoroethane	3.75	3.67	3.61	97.9	96.3	70.0-130			1.65	25
(S) 1,4-Bromofluorobenzene				*102*	*102*	*60.0-140*				

Method Blank (MB)

(MB) R3919618-3 05/01/23 15:28

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Helium	U		0.0259	0.100

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3919618-1 05/01/23 15:21 • (LCSD) R3919618-2 05/01/23 15:25

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	%	%	%	%	%	%			%	%
Helium	2.50	2.33	2.23	93.2	89.2	70.0-130			4.39	25

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

COPY

Company Name/Address:
AEI Consultants
2500 Camino Diablo
Walnut Creek, CA

Billing Information:
AEI Consultants
Accounts Payable
2500 Camino Diablo
Walnut Creek, CA

Report To: N. Budimironic, C Klock, J. Smith
Email To: jasmith@aeiconsultants.com
cklock@aeiconsultants.com
nbudimironic@aeiconsultants.com

Project Description: 227 N. 1st Street and 240 N. 2nd Street, San Jose
City/State Collected: San Jose, CA
Please Circle: (PT) MT CT ET

Phone: 408.442.2605
Client Project # 477886
Lab Project #

Collected by (print): N. Budimironic
Site/Facility ID #
P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day ✓ Three Day
___ Next Day ___ Five Day
___ Two Day

Date Results Needed

Sample ID	Can #	Flow Cont. #	Collection Date	Collection Time	Canister Pressure/Vacuum Initial	Canister Pressure/Vacuum Final	Analysis: VOCs-TO-15	Analysis: Helium Leak check			Rem./Contaminant	Sample # (lab only)
CS-1	90800	11488	4-27-23	1432	-28.0	-5.0	X					-01
CS-2	22773	6410		1336	-28.0	-5.0	X					-02
CS-3	22015	21034		1408	-30.0	-5.0	X					-03
CS-4	21440	6799		1355	-28.0	-5.0	X					-04
SS-5	021917	6806		1153	-27.5	-5.0	X	X				-05
SS-6	21427	11460		1216	-27.0	-5.0	X	X				-06
SS-7	9433	11476		1239	-28.0	-5.0	X	X				-07
SS-8	5972	21978		1300	-28.0	-5.0	X	X				-08

Remarks: 72-hour rush analysis

Sample Receipt Checklist
COC Seal Present/Intact: Y N If Applicable
COC Signed/Accurate: Y N VOA Zero Headspace: Y N
Bottles arrive intact: Y N Pres.Correct/Check: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
RAD Screen <0.5 mR/hr: Y N
AMB

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	4-27-23	1540	Shipped via FedEx		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
			(18)	4/28/23	0900
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Road Mt Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1610319
H199

Acctnum:
Template:
Prelogin:
PM:
PB:
Shipped Via:

(lab use only)
COC Seal Intact: ___Y ___N ___NA
NCF: