Additional Site Investigation Report

REPORT DATE: May 31, 2024

SITE INFORMATION
1207 North Capitol Avenue
San Jose, California 95132

PROJECT INFORMATION
Site Cleanup Program Case No. 2023-15s
GeoTracker ID No. T10000021217
AEI Project No. 487289

PREPARED FOR

Capitol Equity, LP

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May 31, 2024

Mr. Travis Flora
Santa Clara County Department of Environmental Health
1555 Berger Drive, Suite 300
San Jose, California 95112

Subject: Transmittal, *Additional Site Investigation Report*
1207 N Capitol Avenue, San Jose, California
Site Cleanup Program Case No. 2023-15s
GeoTracker ID No. T10000021217

Dear Mr. Flora:

Enclosed is the *Additional Site Investigation Report* dated May 31, 2024, prepared to summarize the results of the recently completed investigation activities at the Site and their associated potential risks.

I declare under penalty of perjury, that the information and/or recommendations contained in the attached report for the above-referenced site are true and correct to the best of my knowledge.

If you have any questions or need additional information, please do not hesitate to contact Mr. Trent Weise of AEI Consultants at (408) 656-1738, or at tweise@aeiconsultants.com.

Sincerely,

DocuSigned by:
Dan Morrar
0DEA93F72242430...

Mr. Dan Morrar
Capitol Equity, LP

Enclosures

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1.0 INTRODUCTION

AEI Consultants (AEI) has prepared this report presenting the additional investigation activities performed at 1207 North Capitol Avenue in San Jose, California ("the Site"). The activities were performed in general accordance with the January 10, 2024, *Work Plan, Additional Site Investigation Activities*, which was conditionally approved by the DEH in a letter dated January 17, 2024. The investigation performed included:

- Advancing two (2) soil borings to collect grab-groundwater samples to further characterize groundwater conditions beneath the Site.
- Collecting shallow soils samples from six locations across the Site for OCPs, metals, and/or VOCs analysis to further characterize residual chemicals and/or metals in shallow soils.
- Advancing six (6) soil borings at locations across the Site to collect shallow soils samples for OCPs, metals, and/or VOCs analysis to further characterize residual chemicals and/or metals in shallow soils and to construct dual-nested soil vapor probes completed at 5 and 15-feet bgs.

As presented below, the investigation activities performed completed the characterization of the lateral and vertical extent of environmental impacts at the Site, and no further investigation is warranted, beyond performing another round of soil vapor sampling in approximately 6 months. The Site background, investigation activities, and an updated conceptual Site model and human health risk assessment are presented below.

2.0 SITE DESCRIPTION AND BACKGROUND

The Site is located on the south side of North Capitol Avenue, between Battaglia Circle and Berryessa Road in San Jose, California. The Site consists of approximately 1.5 acres of land that is improved with a two-story single-family residence. The location of the Site is shown on Figure 1. Figure 2 presents the Site Map.

The Site is planned for redevelopment, with the current plan including the construction of a commercial building to be used for a day care center. Drawings of the planned development are included in Appendix A. Figure 3 presents the proposed development plans overlayed with the sample locations.

2.1 Environmental Investigations

According to a July 13, 2022, draft *Phase I Environmental Site Assessment* (ESA) report prepared by Partner Engineering and Science, Inc. (Partner) of Torrance California, the following issues were identified:

- Based upon a shallow soil investigation performed in September 2020, lead impacts were identified in shallow soils that represented a recognized environmental condition (REC).
- The following business environmental risk (BER) was identified:

  "Royal Cleaners at the addresses 1192-1198 North Capitol Avenue, is located approximately 530 feet to the southeast of the subject property across North Capitol

> Avenue and situated hydrologically upgradient. According to information obtained from the regulatory database report and regulatory records reviewed, a former release case was closed for a former dry cleaning facility at this property in 1997; however, a case was reopened in 2018 after further investigation indicated that elevated levels of trichloroethene (TCE) and tetrachloroethene (PCE) were present in soil, soil vapor, and groundwater. Remediation has been underway in the form of a soil vapor extraction (SVE) system; however, regulatory standards have not yet been met."

Partner performed a shallow soil investigation in September 2020 at the Site, as described in their September 30, 2020, *Shallow Soil Investigation Report.* This investigation was conducted to assess the potential impact of organochlorine pesticides (OCPs), arsenic, and lead to shallow soil from historical agricultural operations at the Site. Four shallow borings were advanced, and eight soil samples were analyzed for arsenic, lead and OCPs. Lead was detected in two of the eight shallow soil samples at concentrations of 155 and 97.2 milligrams per kilogram (mg/kg) in samples S3-0.5 and S4-0.5, respectively. The detected concentrations exceeded Environmental Screening Levels[1] (ESLs) for residential use of 80 mg/kg, indicating a potential human health risk for future users of the Site.

On January 24, 2023, an initial shallow soil gas investigation was performed by Partner, as described in the February 16, 2023, *Soil Gas Investigation Report* (Partner, 2023a) which included the advancement of six borings for the installation and sampling of temporary soil gas probes (SG-1 through SG-6) at a depth of five feet below ground surface (bgs). PCE was detected in one of the samples (SG-6) at a concentration of 290 micrograms per cubic meter ($\mu g/m^3$) exceeding the residential and commercial/industrial ESLs of 15 $\mu g/m^3$ and 67 $\mu g/m^3$, respectively.

On February 2, 2023, as described in the February 24, 2023, *Additional Soil Investigation Report* (Partner, 2023b) additional soil samples were collected to delineate the extent of lead impacted soils at the Site. Lead was detected in samples SS4-0.5 and SS4-2 at concentrations of 130 and 2,300 mg/kg, respectively. Figure 4 presents posed lead concentrations in soil.

Between June 9 and August 3, 2023, AEI performed additional subsurface investigations to further characterize the nature and extent of PCE in the subsurface at the Site. Scope of work included:

- On June 9, 2023, AEI advanced five exploratory soil borings, AEI SG:1 through AEI SG:5 at the Site and installed 7 temporary nested soil gas probes (AEI SG:1 5', AEI SG:1 15', AEI SG:2 5', AEI SG:3 4.5', AEI SG:4 5', AEI SG:5 5', AEI SG:5 15').
- On July 21, 2023, AEI collected a second round of soil gas samples from each of the single and nested soil gas probes.
- On August 3, 2023, AEI advanced a soil boring to a depth of 48-feet bgs to collect a grab-groundwater sample and installed and sampled soil gas probes at 15 and 30-feet bgs.

[1] San Francisco Bay Regional Water Quality Control Board. User's Guide: Derivation and Application of Environmental Screening Levels (ESLs), Interim Final 2019. Revision 2, July 2019.

Figure 2 presents sample locations. Figure 4 presents benzene and PCE soil vapor sample results. Table 3 presents a summary of the soil gas sample results. The sample results can be summarized as follows:

- Benzene was detected in soil gas samples AEI SG:1 15', AEI SG:2 5', AEI SG:3 4.5', AEI SG:5 5', and AEI SG:5 15' at concentrations of 4.9, 6.3, 4.6, 4,6 and 3.5 µg/m^3, respectively, in the samples collected on June 9, 2023. In the second round of samples collected on July 21, 2023, benzene was only detected in one soil gas sample, AEI SG:5, observed at a concentration of 2.6 µg/m^3, which is below the residential vapor intrusion ESL of 3.2 µg/m^3 for benzene.
- Benzene was detected in the deeper soil gas samples in AEI SG:6 at 15 and 30 feet bgs, at concentrations of 5.9 and 4.1 µg/m^3.
- PCE was detected in soil gas sample SG:4 5' at a concentration of 23 µg/m^3 in the June 9 sample, and 67 µg/m^3 in the July 21, 2023, sample, which slightly exceeded the residential ESL of 15 µg/m^3 for PCE. PCE was detected in the deeper soil gas samples in AEI SG:6 at 15 and 30 feet bgs, at concentrations of 8.0 and 42 µg/m^3.
- Chloroform was detected in soil gas sample SG:5 5' at a concentration of 9.0 µg/m^3 in the June 9 sampling event, and AEI SG:4 at a concentration of 13 µg/m^3, which slightly exceeded the residential ESL of 4.1 µg/m^3 for chloroform. Considering the lack of detections in the remaining samples, the chloroform detection is not anticipated to be representative of a significant vapor intrusion concern.
- No VOCs were detected in the grab-groundwater sample collected at a depth of 46-feet bgs at location AEI SG:6.

The investigation results are discussed in further detail in the conceptual site model presented below.

3.0 INVESTIGATION ACTIVITIES

AEI performed the following additional investigation activities to satisfy the DEH's request for additional characterization of soil, soil gas, and groundwater at the Site. The activities were performed in general accordance with the January 10, 2024, *Work Plan, Additional Site Investigation Activities*, which was conditionally approved by the DEH in a letter dated January 17, 2024. The investigation performed included:

- Advancing two (2) soil borings to collect grab-groundwater samples to further characterize groundwater conditions beneath the Site.
- Collecting shallow soils samples from six locations across the Site for OCPs, metals, and/or VOCs analysis to further characterize residual chemicals and/or metals in shallow soils.
- Advancing six (6) soil borings at locations across the Site to collect shallow soils samples for OCPs, metals, and/or VOCs analysis to further characterize residual chemicals and/or metals in shallow soils and to construct dual-nested soil vapor probes completed at 5 and 15-feet bgs.

There were no deviations from the DEH conditionally approved Work Plan. These activities were successfully completed as presented below.

3.1 Preliminary Field Activities

Prior to performing the investigation activities, AEI performed the following preliminary field activities:

- A soil boring permit from the Santa Clara Valley Water District (SCVWD) was obtained for the two deep soil borings that will be advanced beyond 45-feet bgs to collect grab-groundwater samples. A copy of the soil boring permit is included in Appendix B.
- Update the site-specific health and safety plan for these activities, as needed.
- The Site and proposed investigation locations were marked, and Underground Services Alert (USA) was contacted, who, in turn, notified subscribing utility companies of the planned investigation work for their utility locations to be marked along the ground surface around the property boundaries, as well as around the proposed boring locations, where accessible.
- A private utility survey was performed by an independent utility locating company to further identify and locate underground utilities on the property and in the vicinity of the proposed soil boring locations, as appropriate.

3.2 Soil Boring Advancement

On April 5 and 6, 2024, the soil borings were advanced at the Site. AEI contracted a State of California-licensed driller to advance each of the proposed soil borings using a drill rig equipped with direct push capabilities. Soil borings were advanced as follows:

- Two soil borings, SB-1 and SB-2, were advanced to a depth of approximately 40.5-feet bgs to collect grab-groundwater samples from the first encountered groundwater.
- Six (6) soil borings, AEI SG-7 through AEI SG-12 (location AEI SG-12 was identified as SS-17 in the work plan in the vicinity of soil gas probe SG-6), were advanced to approximately 15.5-feet bgs to collect soil samples and install nested soil gas probes.

Soil cores were collected continuously at each location using four- to five-foot lengths of acetate liner, with the exception of soil borings SB-1 and SB-2. Soil borings SB-1 and SB-2 were first advanced with a hydropunch tip to approximately 26 and 32-feet, respectively. The soil core collected was described using the Unified Soil Classification System (USCS) and Munsell Soil Color Chart. Soil description, color, odor, and other notable features were recorded on field boring logs. Completed soil boring logs are included in Appendix C.

3.3 Soil Sampling

Soil samples were collected at the following locations:

- Two soil samples for VOC analysis were collected from location AEI SG-12 (formerly SS-17), advanced in the vicinity of the most elevated soil gas concentrations observed at the Site, SS-6. Soil samples collected from 1 and 5-feet bgs were selected for analysis.
- One shallow soil sample was collected from a depth of 1-foot bgs at soil borings AEI SG-7 through SG-12 for metals and OCPs analysis.
- Additional soil samples were collected for potential analysis based upon the initial sample results. The soil sample collected at 2-feet bgs from soil boring AEI SG-8 was also analyzed for OCPs and arsenic to characterize the vertical extent.

Soil samples for potential chemical analyses were collected in accordance with US EPA Method 5035A (for volatiles) or within the acetate liner (non-volatiles), sealed, labeled, and placed in an ice-chilled cooler for transport to the laboratory under chain-of-custody protocol. Two (2) soil samples were analyzed for VOCs using US EPA Testing Method 8260B. Six (6) soil samples were analyzed for OCPs using US EPA Testing Method 8081B and RCRA 8 metals using US EPA Testing Method 6010B. One additional soil sample was analyzed for OCPs and arsenic using US EPA Testing Method 8081B and 6010B, respectively.

3.4 Soil Vapor Probe Construction

Following boring advancement at locations AEI SG-7 through AEI SG-12, semi-permanent nested soil gas probes were installed at approximately 5 and 15-feet bgs. The soil gas sampling probes were installed in general accordance with the guidelines presented in the *Advisory: Active Soil Gas Investigations*, prepared by the California Department of Toxic Substances Control (DTSC), et al., dated July 2015.

Each soil gas probe was constructed using a screen-lined probe tip attached to ¼-inch diameter Teflon™ tubing. Two nested soil gas probes were constructed within each borehole from the base of the soil boring as follows:

- The first probe tip was installed at a depth of approximately 15 feet bgs.
- A 1-foot sand filter pack was placed from 15.5 to 14.5 feet bgs, surrounding the probe.
- An approximately 1-foot layer of dry granular bentonite and approximately 1-foot layer of hydrated bentonite was installed between 14.5 and 12.5 followed by neat cement grout to a depth of approximately 5.5-feet bgs to seal the deeper probe.
- The second probe tip was installed at a depth of approximately 5 feet bgs.
- A 1-foot sand filter pack was placed from 5.5 to 4.5 feet bgs surrounding the probe.
- An approximately 1-foot layer of dry granular bentonite and approximately 1-foot layer of hydrated bentonite was installed between 4.5 and 2.5 followed by neat cement grout to the surface.
- Each probe was sealed with gas tight valves and a well box to protect the probes.

3.5 Soil Vapor Sampling

On April 15, 2024, AEI collected soil gas samples from each of the newly installed soil gas probes after waiting more than 48 hours and in general accordance with the Advisory. The soil gas probes were sampled as follows:

- Prior to collecting the samples, a shut-in test was performed by placing a vacuum on the above-grade sampling train and vacuum canisters. The vacuum was observed for approximately one minute and verified to not change, which would be indicative of a potential leak in the sampling apparatus.
- Soil gas samples were collected in laboratory-supplied, batch certified clean, one-liter evacuated canisters and flow regulators set at approximately 150 milliliters per minute. After approximately five minutes (depending on the down-hole vacuum), or -5 inches of mercury vacuum in the canister, each canister was closed and removed from the sampling line with the final canister vacuum recorded. Each vacuum canister sample was sealed with a gas tight cap, appropriately labeled, and entered onto a chain of custody documentation for delivery to the laboratory.
- During purging and sampling the sampling apparatus and soil vapor probe was within a shroud. Helium was added to the atmosphere within the shroud at a minimum of 20% volume/volume and maintained during sampling.

Each soil gas sample collected was transported to a State-of-California certified laboratory for chemical analysis under chain-of-custody protocol and analyzed for VOCs using US EPA Testing Method TO-15 and helium using ASTM D Testing Method 1946-90.

3.6 Grab-Groundwater Sampling

On April 5, 2024, grab-groundwater samples were collected from two locations, SB-1 and SB-2, after reaching the first encountered groundwater. Upon reaching groundwater, a temporary well was constructed using a five-foot section of 1-inch diameter 0.010-inch well screen attached to 1-inch diameter blank casing. Once the groundwater level had stabilized, AEI collected a grab-groundwater sample using a new disposable bailer. The groundwater samples were decanted into laboratory supplied, appropriately preserved, bottle ware and sealed without air bubbles. Each grab-groundwater sample collected was transported to a State-of-California certified laboratory for chemical analysis under chain-of-custody protocol. Each grab-groundwater sample was analyzed for VOCs using US EPA Testing Method 8260B.

3.7 Soil Boring Destruction

Soil borings SB-1 and SB-2 were destroyed by filling the borehole with neat cement grout from the base of the boring to the ground surface, using a tremie pipe, in accordance with the requirements of the soil boring permit with SCVWD.

4.0 SAMPLE RESULTS

This section presents the results of the additional investigation activities. Laboratory analytical reports for the samples collected and analyzed as part of this investigation are included in Appendix D.

4.1 Soil Sample Results

A total of nine soil samples were collected and analyzed as part of this investigation. The sample results are present below.

4.1.1 VOCs in Soil

Two soil samples were collected from location AEI SG-12, advanced near historical location SS-6 where the most elevated PCE concentration was detected in soil gas, collected from the depths of 1 and 5-feet bgs. No VOCs were detected in the soil samples collected and analyzed at or above their respective laboratory method reporting limits. Therefore, no further investigation related to VOCs in soil is warranted.

4.1.2 OCPs in Soil

Table 1 presents a summary of soil samples results for OCPs. A total of seven (7) shallow soil samples were collected and analyzed to further characterize shallow soil conditions at the Site. Soil samples were collected at approximately 1-foot bgs, and one additional sample at 2-feet bgs from location AEI SG-8 was analyzed. The results can be summarized as follows:

- 4,4-DDE was detected in four of the five soil samples collected and analyzed, observed at concentrations between 0.0065 and 1.38 mg/kg. The maximum observed concentration of 4,4-DDE is below the residential ESL of 1.8 mg/kg. The maximum concentration was observed at location AEI SG-8. To characterize the vertical extent at this location, the soil sample collected at 2-feet bgs was also analyzed for OCPs. 4,4-DDE was not detected in the 2-foot sample at or above the laboratory method reporting limit, indicating that the extent of 4,4-DDE in soil is limited.
- 4,4-DDD was detected in two of the five soil samples collected and analyzed, observed at concentrations of 0.0128 J and 0.0274 mg/kg, which are below the residential ESL of 2.7 mg/kg. The J qualifier indicates that the result is below the laboratory method reporting limit but above the practical quantitation limit and is therefore considered estimated.
- 4,4-DDT was detected in three of the five soil samples collected and analyzed, observed at concentrations of 0.103, 0.214, and 0.392 mg/kg, which are below the residential ESL of 1.0 mg/kg.
- Dieldrin was detected in one of the five soil samples collected and analyzed, observed at a concentration of 0.0244 mg/kg, which is below the residential ESL of 0.037 mg/kg.
- No other OCPs were detected at or above their respective laboratory method reporting limits.

4.1.3 Metals in Soil

Table 2 presents a summary of the soil sample results for metals. A total of seven (7) shallow soil samples were collected and analyzed to further characterize shallow soil conditions at the Site. Soil samples were collected at approximately 1-foot bgs. The results can be summarized as follows:

- Arsenic was detected in each of the five soil samples collected and analyzed, observed at concentrations between 4.75 and 12.1 mg/kg. The maximum concentration was observed at location AEI SG-8. To characterize the vertical extent of arsenic at this location, the soil sample collected at 2-feet bgs was also analyzed for arsenic. Arsenic was not detected in the 2-foot bgs sample at or above the laboratory method reporting limit, indicating that the extent of elevated arsenic is limited. The observed maximum concentration of arsenic at the Site is only slightly above the generally accepted background concentration of up to 11 mg/kg and was co-located with 4,4-DDE and may be associated with pesticide use.
- Lead was detected in each of the five soil samples collected and analyzed. One soil sample yielded lead at a concentration above the residential ESL of 80 mg/kg. Shallow soil sample AEI SG-12-1 yielded lead at a concentration of 116 mg/kg. AEI-SG-12 is located within the area of known lead impacts, the extent of which has been previously characterized.
- Barium, cadmium, and chromium were detected in one or more shallow soil samples, observed at concentrations below their respective residential ESLs as shown in Table 2. Mercury, selenium, and silver were not detected at or above their respective laboratory method reporting limits.

4.2 Soil Vapor Sample Results

A total of twelve (12) soil vapor samples were collected and analyzed. The results can be summarized as follows:

- Benzene was detected in one of the twelve soil vapor samples, AEI SG-12-15, observed at a concentration of 5.3 µg/m^3. Although this concentration is slightly above the residential ESL of 3.2 µg/m^3, it is well below the petroleum vapor intrusion (PVI) adjusted screening level of 323 µg/m^3, as further discussed in Section 6.3.1.
- PCE was detected in seven of the twelve soil vapor samples, observed at a maximum concentration of 7.7 µg/m^3, which is below the residential ESL of 15 µg/m^3.
- TCE was detected in two of the twelve soil vapor samples, observed at a concentration of 4.7 µg/m^3 in each sample, which is below the residential ESL of 16 µg/m^3.
- Other VOCs were detected, to a lesser frequency as shown in Table 3, and below their respective residential ESLs, where available.
- Helium, the leak check gas used during sampling, was detected in two of the twelve soil vapor samples collected and analyzed, both from nested soil vapor probe AEI SG-10. The 5 and 15-foot bgs soil vapor samples collected from AEI SG-10 yielded helium at concentrations of 2.2 J and 0.84 J percent volume by volume (% v/v), respectively. The helium concentration observed in the 5-foot bgs sample was slightly above 5-precent of

the helium shroud concentration of 1.12 % v/v. Given that the VOC concentrations observed are similar to other samples collected at the Site, we do not anticipate that the potential leak has significantly affected the sample results or the purpose of the evaluation at this location. The planned additional round of sampling will be used to confirm these sample results.

Since no elevated concentrations of VOCs were identified in the soil vapor samples collected from six locations across the site at depths of 5 and 15-feet bgs, no further characterization of the lateral or vertical extent of VOCs in soil gas is warranted. As requested by the DEH, another round of soil vapor samples will be collected from the newly installed nested soil vapor probes in approximately six-months from the initial sampling event, or November 2024.

4.3 Groundwater Sample Results

Two grab-groundwater samples, SB-1-W and SB-2-W, were collected and analyzed for VOCs. No VOCs were detected at or above their respective laboratory method reporting limits. Therefore, no further characterization of VOC impacts to groundwater is warranted.

5.0 CONCEPTUAL SITE MODEL

This section presents the updated CSM presenting our current evaluation of the Site lithology and the soil, soil vapor, and groundwater data collected at the Site.

5.1 Geologic Setting and Hydrogeology

The Site is located within the Coast Ranges geomorphic province of Northern California. The Coast Ranges are characterized as parallel mountain ranges and valleys. The ground surface at the Site and nearby properties appeared to be sloping gently to the west and is situated at an elevation approximately 140 feet above mean sea level. The site is underlain by alluvial soils consisting of mixed gravel, sand, silt and clay of Holocene age. Based on the information obtained from the United States Department of Agriculture (USDA) Natural Resources Conservation Service Web Soil Survey online database, the Site is mapped as Urban land-Still complex on 0 to 2 percent slope. These complexes consist of well-drained, thick, fine to medium-grained alluvial soil.

The ground surface at the Site and nearby properties appeared to be sloping gently to the west and is situated at an elevation approximately 140 feet above mean sea level. According to a nearby Area Well Survey, groundwater is expected to be encountered from a depth of approximately 55-65 feet bgs and groundwater flow direction beneath the Site is to the northwest. The nearest surface water to the Site is Penitencia Creek located approximately 0.50 miles southeast of the Site. Settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were not observed at the Site.

According to available information, a public water system operated by San Jose Water serves the Site vicinity. According to the 2020 Water Quality Report, the sources of public water for the Site is groundwater supplied from groundwater wells located at unknown locations in the Santa Clara County. According to the provided Well Completion Report, dated May 9, 2022, a former 190-foot-deep groundwater well was removed from the southeast portion of the Site.

Based on the regulatory closure of this feature, the former water well does not represent a significant environmental concern.

A geotechnical evaluation of the Site was conducted in February 2023 as described in the February 24, 2023, *Geotechnical Engineering Report* prepared by Earth Systems Pacific that included advancing seven (7) soil borings at the Site to a depth of 25-feet bgs. Groundwater was not encountered during the investigation.

AEI has advanced three soil borings at the Site to assess groundwater conditions at the Site. The soil borings were advanced to a total depth of up to 48-feet bgs to first encountered groundwater. The soil encountered consisted of layers of silt, sand, clay, silty clay, clayey sandy silt, and silty sand to a total depth of 48 feet bgs, the maximum investigation depth.

5.2 Release Source

The Phase I ESA identified the Site as former agricultural land (orchards). Soil sampling performed did identify the presence of organochlorine pesticides, but not at elevated concentrations above their respective residential ESLs as shown in Table 1. Localized areas of elevated lead concentrations in soil were identified, likely from lead-based paint chips from former structures at the Site. Soil gas samples were collected to assess whether the nearby release from the dry cleaner is affecting the Site. Five (5) soil samples were collected from the area of the most elevated soil vapor samples from 1, 5, 33.5, and 47.5-feet bgs, which did not yield VOCs at or above their respective laboratory method reporting limits. Therefore, no on-site sources, with the exception of lead, have been identified at the Site.

5.2.1 Off-Site Releases

The Phase I ESA identified Royal Cleaners at the addresses 1192-1198 North Capitol Avenue, located approximately 530 feet to the southeast of the Site across North Capitol Avenue and situated hydrologically up-gradient. To assess whether the release of PCE is affecting the Site, initially six soil gas samples were collected at locations across the Site. PCE was detected in one sample at a concentration of 290 µg/m^3. Suggesting potential impacts from the adjacent PCE release. Additional soil gas samples were collected to further characterize the nature and extent of PCE. Low concentrations of PCE were detected in soil vapor samples collected and analyzed at the Site. Soil samples were collected at the Site, and no PCE was detected in the soil samples collected and analyzed. The low concentrations of VOCs in soil vapor do not suggest an on-Site source and are further discussed below.

5.3 Nature and Extent of COPCs in Site Media

This section describes the nature and extent of the identified chemicals of potential concern (COPC)-in the affected media at the Site including soil, soil vapor, and groundwater. The identified COPCs, those that were identified at concentrations above residential ESLs, include lead in soil and benzene and PCE in soil gas. These chemicals are further discussed below.

5.3.1 COPCs in Soil

This section presents the magnitude and distribution of COPCs detected in soil samples collected and analyzed at the Site. To-date, a total of 40 soil samples have been collected and analyzed between the depths of 0.5 and 47.5-feet bgs.

Table 1 presents a summary of soil sample results for OCPs. A total of fourteen (14) soil samples were analyzed for OPCs collected from ten (10) locations, S1 through S4 and AEI SG-7 through AEI SG-12, at depths of 0.5, 1, and 2-feet bgs. Low concentrations of chlordane, 4,4-DDE, 4,4-DDD, 4,4- DDT, and dieldrin were detected in soil samples, each at concentrations below their respective residential ESLs as shown in Table 1.

Table 2 presents a summary of soil sample results for arsenic, lead, barium, cadmium, chromium, mercury, selenium, and silver. The results can be summarized as follows:

- Initially, a total of eight (8) soil samples were analyzed for lead, collected from four locations S1 through S4 and at two depths, 0.5 and 2-feet bgs. Lead was detected at concentrations between 19.1 and 155 mg/kg, with two samples yielding lead at concentrations greater than the residential ESL of 80 mg/kg. Additional lateral characterization samples were collected and analyzed for lead from locations SS-2 through SS-6, SS-8, SS-10, SS-12, SS-14, and SS-16. Lead was detected in the additional soil samples at a maximum concentration of 2,300 mg/kg. Five (5) additional shallow soil samples, AEI SG-7 through AEI SG-10 and AEI SG-12, were collected and analyzed for RCRA eight metals, including lead. Lead was detected at concentrations between 6.30 and 116 mg/kg, with one sample yielding a concentration above the residential ESL of 80 mg/kg, sample AEI SG-12, located in the vicinity of the previously characterized elevated lead concentrations. The lateral and vertical characterization of lead in shallow soils at the Site to the residential ESL has been completed as shown on Figure 4. No further characterization for lead in shallow soils is warranted.
- Initially, a total of eight (8) soil samples were analyzed for arsenic collected from four locations, S1 through S4, and at two depths, 0.5 and 2-feet bgs. Arsenic was detected at concentrations between 5.62 and 8.38 mg/kg and are considered to be representative of background concentrations. Five (5) additional shallow soil samples, AEI SG-7 through AEI SG-10 and AEI SG-12, were collected and analyzed for RCRA eight metals, including arsenic. Arsenic was detected in each of the five soil samples collected and analyzed, observed at concentrations between 4.75 and 12.1 mg/kg. The maximum concentration was observed at location AEI SG-8. To characterize the vertical extent of arsenic at this location, the soil sample collected at 2-feet bgs was also analyzed for arsenic. Arsenic was not detected in the 2-foot bgs sample, indicating the extent is limited.
- Barium, cadmium, and chromium were detected in one or more shallow soil samples, observed at concentrations below their respective residential ESLs as shown in Table 2. Mercury, selenium, and silver were not detected at or above their respective laboratory method reporting limits.

Five (5) soil samples were collected and analyzed for VOCs, including benzene and PCE, from soil boring AEI: SG:6 at the depths of 1, 33.5, and 47.5-feet bgs. No VOCs were detected at or above their respective laboratory method reporting limit. Two (2) additional soil samples were collected from location AEI SG-12, advanced near historical location SS-6, where the most elevated PCE concentration was detected in soil gas, collected from the depths of 1 and 5-feet bgs. No VOCs were detected in the soil samples collected and analyzed at or above their respective laboratory method reporting limits. Therefore, no further investigation related to VOCs in soil is warranted.

5.3.2 COPCs in Groundwater

Three (3) soil borings, AEI SG:6, SB-1, and SB-2, were advanced to first encountered groundwater between approximately 40.5 and 48-feet bgs. Three (3) grab-groundwater samples were collected and analyzed for VOCs using US EPA Testing Method 8260B. No VOCs were detected at or above their respective laboratory method reporting limits in the three grab-groundwater samples. Therefore, no further characterization of VOC impacts to groundwater is warranted.

5.3.3 COPCs in Soil Gas

This section presents the magnitude and distribution of COPCs detected in soil gas samples collected and analyzed at the Site. Table 3 presents a summary of the soil gas samples results. Figure 5 presents posted benzene and PCE concentrations in soil gas samples collected and analyzed at the Site. To date, a total of 34 soil gas samples have been collected and analyzed from depths of approximately 4.5, 5, 15, and 30-feet bgs across three different sampling events. The results can be summarized as follows:

- Benzene was detected in nine of the thirty-four soil gas samples, observed at concentrations between 2.6 and 5.9 µg/m^3, eight of which are slightly above the residential ESL of 3.2 µg/m^3.
- PCE was detected in seventeen of the thirty-four soil gas samples, observed at concentrations between 2.8 J and 290 µg/m^3 in the July 21, 2023 sample, which slightly exceeded the residential ESL of 15 µg/m^3 for PCE. PCE was detected in the deeper soil gas samples at AEI SG:6 15 and 30, concentrations of 8.0 and 42 µg/m^3, in August 2023.
- Chloroform was detected in soil gas sample SG:5 5' at a concentration of 9.0 µg/m^3, in the June 9, 2023, sampling event and AEI SG:4 at a concentration of 13 µg/m^3, which slightly exceeded the residential ESL of 4.1 µg/m^3 for chloroform. Chloroform was not detected in the recent round of soil gas sampling performed in April 2024. Considering the lack of detections in the remaining samples, the chloroform detection is not anticipated to be representative of a significant vapor intrusion concern.
- Other VOCs were detected, but at concentrations below their respective residential ESLs, where available, as shown in Table 3.

PCE was initially detected in the soil gas sample collected from soil gas probe SG-6, observed at a concentration of 290 µg/m^3, located in the eastern portion of the Site. PCE was detected below the laboratory detection limit in the four of the other initial investigation samples, observed at a maximum estimated concentration of 4.3 µg/m^3. Additional soil gas samples were collected in the vicinity of SG-6 to confirm the observed PCE concentration and further characterize the lateral and vertical extent of the low-level PCE impacts in soil gas. Further characterization samples have not been able to reproduce the initial PCE concentration. Subsequent samples have yielded a maximum PCE concentration of 67 µg/m^3.

The recent investigation included installing and sampling six (6) nested soil vapor probes at locations across the Site. In the recent April 2024 sampling, PCE was detected at a maximum concentration of 7.7 µg/m^3, which is below the residential ESL of 15 µg/m^3. To further confirm concerns regarding the characterization of PCE at the Site, specifically at the location of the elevated concentration, nested soil vapor probes AEI SG-12 completed at 5

and 15 feet bgs, were installed and sampled. PCE was detected in the soil vapor sample collected from 5-foot bgs at a concentration of 4.7 µg/m^3 and not detected in the 15-foot bgs sample. PCE was also not detected in the soil samples collected from this area of the Site. Therefore, PCE concentrations in soil vapor at the Site does not represent an unacceptable risk to future residential users of the Site.

Benzene concentrations in soil vapor are generally sporadic at the Site, observed at concentrations near the detection limit. In the recent soil vapor sampling performed, benzene was observed in one soil vapor sample, observed at a concentration of 5.3 µg/m^3 in the 15-foot bgs sample collected from location AEI SG-12. No significant on-site source is present. Sources of benzene in the vicinity of the Site include motor vehicle parking at the Site, motor vehicles on the adjacent North Capitol Avenue and stormwater runoff, other adjacent surface streets and Highway 880 to the southwest. As further discussed in the human health risk assessment section, benzene concentrations in soil vapor at the Site does not represent an unacceptable risk to future residential users of the Site.

5.4 Data Gaps

No data gaps have been identified in the data presented above. At the request of the DEH, a second round of the recently installed soil vapor probes will be performed approximately 6 months following their installation.

6.0 HUMAN HEALTH RISK ASSESSMENT

This section presents an assessment of the potential risks posed by the presence of COPCs identified at the Site to hypothetical future users of the Site, specifically those identified in soil and soil gas at the Site. No impacts were identified in groundwater, therefore groundwater is not included in this evaluation.

The Site is planned for redevelopment with a commercial building for use as a day care facility.

6.1 Exposure Pathways

The following pathway analysis is presented for potential hypothetical future users of the Site, including:

- Soil - The Site is currently developed with approximately 1.5 acres of land that is improved with a two-story single family residence. The Site is planned for redevelopment with a commercial building for use as a day care facility.
- Soil Vapor – The vapor intrusion pathway is potentially complete for future users of the Site.

The soil and soil vapor pathways are further evaluated below.

6.2 Soil Exposure

The exposure pathway for COPCs in soil is considered potentially complete for future construction worker and residential users of the Site. As presented in Tables 1 and 2, arsenic

and lead were the only COPCs of those evaluated including OCPs, metals, and VOCs to be identified at concentrations that exceeded construction worker and/or residential/commercial exposure ESLs. Arsenic was detected in one location at a concentration above Site background concentrations, observed at a concentration of 12.1 mg/kg. Lead was detected at a maximum concentration of 2,300 mg/kg. The extent of lead impacted soils has been characterized and is limited to the eastern portion of the Site as shown on Figure 4. Soil excavation to remove arsenic above Site background concentrations and lead impacted soils to a protective concentration of 80 mg/kg, the residential ESL, is planned as part of redevelopment activities, under a Site Management Plan to be submitted under separate cover.

Following the planned soil excavation, there will be no COPC impacts to soil that exceed residential ESLs.

6.3 Soil Vapor Exposure

As presented above, VOCs in soil gas have been detected in soil gas samples collected from the Site at concentrations slightly above residential ESLs. No specific on-Site sources of the COPCs have been identified at the Site, including no impacts to soils. Potential soil vapor exposure through exposure to hypothetical indoor air concentrations is presented below.

6.3.1 Petroleum Vapor Intrusion

The *Supplemental Guidance: Screening and Evaluating Vapor Intrusion, Final Draft*, February 2023, presents alternative attenuation factors for petroleum vapor intrusion (PVI) accounting for bioattenuation factors (BAF). Bioattenuation is the nature degradation of petroleum hydrocarbons in the subsurface and is dependent on oxygen concentrations in soil gas. The Supplemental Guidance outlines appropriate BAF for oxygen concentrations of less than 1-percent (inadequate bioattenuation zone), between 1 and 4-percent (weak bioattenuation zone), and greater than 4-percent (strong bioattenuation zone).

Recent soil gas samples were analyzed for oxygen content and as shown in Table 3, oxygen concentrations in soil gas beneath the Site are between 8.9 and 19 percent volume by volume, which falls within the strong bioattenuation zone BAF. The BAF for a strong bioattenuation is 0.001.

$C_{IA} = C_{SG} \times AF \times BAF$ where:

C_{IA} = calculated hypothetical indoor air concentration

C_{SG} = soil gas concentration

AF = default attenuation factor (0.03)

BAF = bioattenuation factor

Using the maximum concentration of benzene observed in soil gas samples collected from the Site is 6.3 µg/m^3, a calculated hypothetical indoor air concentration is 0.00019 µg/m^3, which is well below the residential indoor air ESL of 0.097 µg/m^3. If oxygen concentrations at the Site were to decrease with the addition of the building and hardscape down to the range of a weak bioattenuation zone, a BAF of 0.01 would be used, calculating an indoor air

concentration of 0.0019 µg/m^3, which is still well below the residential indoor air ESL. Therefore, the presence of benzene in soil gas does not pose an unacceptable risk to future hypothetical residential users of the Site.

Using the residential indoor air ESL of 0.097 µg/m^3 and the BAF of 0.01, the adjusted soil gas screening level is 323 µg/m^3.

6.3.2 VOC Vapor Intrusion

PCE is the only non-petroleum VOC consistently detected in soil gas at concentrations above the conservative residential ESL of 15 µg/m^3. PCE was initially detected in the soil gas sample collected from soil gas probe SG-6, observed at a concentration of 290 µg/m^3, located in the eastern portion of the Site. Subsequent investigations at the Site have yielded PCE in twelve soil vapor samples collected from the depths of 5, 15, and 30-feet bgs, observed at a maximum concentration of 67 µg/m^3. The most recent sampling event performed in April 2024 included collecting twelve soil vapor samples from newly installed six dual-nested soil vapor probes. PCE was detected in seven of the twelve soil vapor samples, observed at a maximum concentration of 6.4 µg/m^3, which is below the residential ESL of 15 µg/m^3. Therefore, the elevated PCE concentrations have not been able to be confirmed and the most recent samples did not identify elevated concentrations of PCE. The PCE observed in soil vapor at the Site therefore does not represent an unacceptable risk to future hypothetical residential users of the Site. The DEH requested soil vapor sampling performed 6-months following installation of the current soil vapor probes will confirm soil vapor conditions beneath the Site.

7.0 SUMMARY AND CONCLUSIONS

Significant investigations have been performed at the Site to characterize whether environmental conditions are present at the Site that may pose an unacceptable risk to hypothetical future residential users of the Site. Investigation activities included collecting soil, soil gas, and groundwater samples at the Site. The results can be summarized as follows:

- Two areas with elevated lead concentrations in soil have been identified at the Site as presented in Figure 4. One area of elevated arsenic concentration above Site background concentrations, AEI SG-9, has been identified. Remediation through soils excavation and off-site disposal is planned to address the elevated lead concentrations to be outlined in a Site Management Plan (SMP) to be submitted under separate cover.
- Soil gas sampling at the Site identified PCE in shallow and deep soil gas samples collected from the Site at relatively low concentrations. Elevated concentrations of PCE have not been able to be confirmed and the recent investigation soil vapor samples yielded PCE at a maximum concentration of 7.7 µg/m^3, which is below the residential ESL. Therefore, the presence of PCE in soil vapor at the Site does not pose an unacceptable risk to future hypothetical residential users of the Site. An additional round of soil vapor sampling performed in 6-months from the installation of the nested soil vapor probes will be used to confirm this location. Best management practices (BMPs) for new construction where VOCs are present in soil vapor will be outlined in the noted SMP, including the use of a VOC rated moisture vapor barrier in the new construction.

- Soil gas sampling also identified benzene in soil gas at the Site, likely from parking of motor vehicles at the Site and the adjacent North Capitol Avenue traffic and stormwater runoff. The concentrations observed are well below the Supplemental Guidance calculated screening level with a weak bioattenuation zone. Therefore, the presence of benzene at the Site does not pose an unacceptable risk to future users of the Site.

The lateral and vertical extent of environmental impacts has been characterized. Therefore, Site characterization activities are deemed complete. With the exception of arsenic and lead concentrations in soil, COPCs detected in samples collected from the Site do not pose an unacceptable risk to future users of the Site and no further action is warranted. AEI recommends preparation and use of a Site Management Plan (SMP) for the appropriate removal and disposal of arsenic and lead impacted soils.

At the request of the DEH, a second round of the recently installed soil vapor probes will be performed approximately 6 months following their installation, currently scheduled for November 2024.

8.0 REFERENCES

The regulatory record for this Site, including previous reports prepared for the Site, can be found on the California State Water Resources Control Board's GeoTracker Website at:

https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000021217

California Environmental Protection Agency et al. 2023. *Supplemental Guidance: Screening and Evaluating Vapor Intrusion, Final Draft*, February

Department of Toxic Substances Control (DTSC). 2011. *Final, Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance)*. October.

San Francisco Bay Regional Water Quality Control Board. 2019. *User's Guide: Derivation and Application of Environmental Screening Levels (ESLs).* Revision 2, July 2019.

9.0 SIGNATURES

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

Trent A. Weise, P.E.
Vice President (Lic. No. C64480)



TABLES

TABLE 1: SOIL SAMPLE DATA SUMMARY - PESTICIDES
1207 North Capitol Avenue, San Jose, California

Location ID	Date	Depth (feet bgs)	Chlordane (mg/kg)	a-Chlordane (mg/kg)	g-Chlordane (mg/kg)	4,4-DDE (mg/kg)	4,4-DDD (mg/kg)	4,4-DDT (mg/kg)	Dieldrin (mg/kg)	Remaining OCPs (mg/kg)
AEI SG-7-1	4/5/2024	1	<0.020	<0.0020	<0.0030	<0.0020	<0.0020	<0.0020	<0.0020	<RL
AEI SG-8-1	4/4/2024	1	<0.200	<0.0036	<0.015	1.38	0.0274	0.392	<0.0025	<RL
AEI SG-8-2	4/4/2024	2	<0.020	<0.0020	<0.0030	<0.0020	<0.0020	<0.0020	<0.0020	<RL
AEI SG-9-1	4/5/2024	1	<0.020	<0.0020	<0.0030	0.0065	<0.0020	<0.0020	<0.0020	<RL
AEI SG-10-1	4/5/2024	1	<0.200	<0.020	<0.030	0.328	<0.020	0.103	0.0244	<RL
AEI SG-12-1	4/5/2024	1	<0.200	<0.020	<0.030	0.539	0.0128 J	0.214	<0.020	<RL
S1-0.5	9/16/2020	0.5	--	<0.0050	<0.0050	0.34	<0.0050	0.071	<0.0050	<RL
S1-2	9/16/2020	2	--	<0.0050	<0.0050	0.038	<0.0050	0.0054	<0.0050	<RL
S2-0.5	9/16/2020	0.5	--	0.022	0.023	0.063	<0.0050	0.0078	0.0059	<RL
S2-2	9/16/2020	2	--	0.076	0.092	<0.0050	<0.050	<0.0050	<0.0050	<RL
S3-0.5	9/16/2020	0.5	--	0.0062	0.006	0.24	<0.0050	0.05	<0.0050	<RL
S3-2	9/16/2020	2	--	<0.0050	<0.0050	0.016	<0.0050	<0.0050	<0.0050	<RL
S4-0.5	9/16/2020	0.5	--	<0.0050	<0.0050	0.21	<0.0050	0.028	0.0082	<RL
S4-2	9/16/2020	2	--	<0.0050	<0.0050	0.049	<0.0050	<0.0050	<0.0050	<RL
Comparison Values:										
ESL Direct Exposure - R			0.48	0.48	0.48	1.8	2.7	1.9	0.037	Various

Notes:

mg/kg	milligrams per kilogram	DDE	Dichlorodiphenyldichloroethylene
<RL	less than the laboratory reporting limit	DDT	Dichlorodiphenyltrichloroethane
bgs	below ground surface	**Bold**	Result exceeds a regulatory screening level
J	Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative	---	No established regulatory screening level

Comparison Values:

ESL Direct Exposure - R: Environmental Screening Levels (ESLs) - Residential - See report text for reference.

TABLE 2: SOIL SAMPLE DATA SUMMARY - ARSENIC AND LEAD
1207 North Capitol Avenue, San Jose, California

Location ID	Date	Depth (feet bgs)	Arsenic (As) (mg/kg)	Lead (Pb) (mg/kg)	Barium (Ba) (mg/kg)	Cadmium (Cd) (mg/kg)	Chromium (Cr) (mg/kg)	Mercury (Hg) (mg/kg)	Selenium (Se) (mg/kg)	Silver (Au) (mg/kg)
AEI SG-7-1	4/5/2024	1	**4.75**	6.30	134	<0.750	27.8	<0.50	<1.10	<0.500
AEI SG-8-1	4/4/2024	1	**12.1**	27.2	182	1.14	40.4	<0.50	<1.10	<0.500
AEI SG-8-2	4/4/2024	2	<1.3	--	--	--	--	--	--	--
AEI SG-9-1	4/5/2024	1	**6.80**	8.00	224	<0.750	44.6	<0.50	<1.10	<0.500
AEI SG-10-1	4/5/2024	1	**7.45**	42.9	153	<0.750	33.7	<0.50	<1.10	<0.500
AEI SG-12-1	4/5/2024	1	**9.90**	**116**	188	1.26	41.9	<0.50	<1.10	<0.500
S1-0.5	9/16/2020	0.5	**6.00**	38.6	--	--	--	--	--	--
S1-2	9/16/2020	2	**8.38**	31.2	--	--	--	--	--	--
S2-0.5	9/16/2020	0.5	<5.00	29.6	--	--	--	--	--	--
S2-2	9/16/2020	2	<5.00	19.1	--	--	--	--	--	--
S3-0.5	9/16/2020	0.5	**5.62**	**155**	--	--	--	--	--	--
S3-2	9/16/2020	2	<5.00	30.5	--	--	--	--	--	--
S4-0.5	9/16/2020	0.5	**6.82**	**97.2**	--	--	--	--	--	--
S4-2	9/16/2020	2	**6.19**	35.6	--	--	--	--	--	--
SS2-0.5	2/2/2023	0.5	NA	78	--	--	--	--	--	--
SS2-2	2/2/2023	2	NA	7.8	--	--	--	--	--	--
SS2-4	2/2/2023	4	NA	NA	--	--	--	--	--	--
SS3-0.5	2/2/2023	0.5	NA	82	--	--	--	--	--	--
SS3-2	2/2/2023	2	NA	11	--	--	--	--	--	--
SS3-4	2/2/2023	4	NA	6.8	--	--	--	--	--	--
SS4-0.5	2/2/2023	0.5	NA	**130**	--	--	--	--	--	--
SS4-2	2/2/2023	2	NA	**2,300**	--	--	--	--	--	--
SS4-4	2/2/2023	4	NA	76	--	--	--	--	--	--
SS5-0.5	2/2/2023	0.5	NA	82	--	--	--	--	--	--
SS5-2	2/2/2023	2	NA	22	--	--	--	--	--	--
SS5-4	2/2/2023	4	NA	NA	--	--	--	--	--	--
SS6-0.5	2/2/2023	0.5	NA	82	--	--	--	--	--	--
SS6-2	2/2/2023	2	NA	8.3	--	--	--	--	--	--
SS6-4	2/2/2023	4	NA	NA	--	--	--	--	--	--

TABLE 2: SOIL SAMPLE DATA SUMMARY - ARSENIC AND LEAD
1207 North Capitol Avenue, San Jose, California

Location ID	Date	Depth (feet bgs)	Arsenic (As) (mg/kg)	Lead (Pb) (mg/kg)	Barium (Ba) (mg/kg)	Cadmium (Cd) (mg/kg)	Chromium (Cr) (mg/kg)	Mercury (Hg) (mg/kg)	Selenium (Se) (mg/kg)	Silver (Au) (mg/kg)
SS8-0.5	2/2/2023	0.5	NA	80	--	--	--	--	--	--
SS8-2	2/2/2023	2	NA	25	--	--	--	--	--	--
SS8-4	2/2/2023	4	NA	NA	--	--	--	--	--	--
SS10-0.5	2/2/2023	0.5	NA	48	--	--	--	--	--	--
SS10-2	2/2/2023	2	NA	9.3	--	--	--	--	--	--
SS10-4	2/2/2023	4	NA	NA	--	--	--	--	--	--
SS12-0.5	2/2/2023	0.5	NA	44	--	--	--	--	--	--
SS12-2	2/2/2023	2	NA	7.6	--	--	--	--	--	--
SS12-4	2/2/2023	4	NA	NA	--	--	--	--	--	--
SS14-0.5	2/2/2023	0.5	NA	40	--	--	--	--	--	--
SS14-2	2/2/2023	2	NA	6.1	--	--	--	--	--	--
SS14-4	2/2/2023	4	NA	NA	--	--	--	--	--	--
SS16-0.5	2/2/2023	0.5	NA	33	--	--	--	--	--	--
SS16-2	2/2/2023	2	NA	6.7	--	--	--	--	--	--
SS16-4	2/2/2023	4	NA	NA	--	--	--	--	--	--
Comparison Values:										
ESL Direct Exposure - R			0.067 [1]	80	15,000	78	120,000	13	390	390
	Maximum Background Concentrations		11.0	97.1						

Notes:

mg/kg	Milligrams per kilogram
<5.00	less than the laboratory reporting limit
bgs	Below ground surface
--	not established / applicable
[1]	Arsenic concentrations from Establishing Background Arsenic in Soil of the San Francisco Bay Region, December 2011 study indicate background levels of arsenic in California Bay Area soil typically range between 1.2 and 11 mg/kg.

Comparison Values:
ESL Direct Exposure - R: Environmental Screening Levels (ESLs) - Residential - See report text for reference.

TABLE 3: SOIL GAS SAMPLE DATA SUMMARY
1207 North Capitol Avenue, San Jose, California

Location ID	Date	Depth (feet bgs)	Benzene (µg/m³)	Toluene (µg/m³)	Ethyl benzene (µg/m³)	Xylenes (µg/m³)	PCE (µg/m³)	TCE (µg/m³)	Chloroform (µg/m³)	1,1-Dichloro-ethene (µg/m³)	1,3-dichloro-benzene (µg/m³)	Acetone (µg/m³)	Carbon disulfide (µg/m³)	4-Ethyltoluene (µg/m³)	Trichlorofluoro-methane (µg/m³)	Hexane (µg/m³)	2-Hexanone (µg/m³)	4-Methyl-2-Pentanone (µg/m³)
Soil Gas Investigation Report (Partner)																		
SG-1	1/24/2023	5	ND	ND	ND	ND	3.0 J	ND	ND	<0.12	ND	ND	ND	ND	ND	ND	ND	ND
SG-2	1/24/2023	5	ND	ND	ND	ND	4.3 J	ND	ND	<0.12	ND	ND	ND	ND	ND	ND	ND	ND
SG-3	1/24/2023	5	ND	ND	ND	ND	2.7 J	ND	ND	<0.12	ND	ND	ND	ND	ND	ND	ND	ND
SG-4	1/24/2023	5	ND	ND	ND	ND	2.8 J	ND	ND	<0.12	ND	ND	ND	ND	ND	ND	ND	ND
SG-5	1/24/2023	5	ND	ND	ND	ND	<0.59	ND	ND	<0.12	ND	ND	ND	ND	ND	ND	ND	ND
SG-6	1/24/2023	5	ND	ND	ND	ND	**290**	ND	ND	3.2 J	ND	ND	ND	ND	ND	ND	ND	ND
Additional Subsurface Investigation																		
AEI SG:1	6/9/2023	5	<1.6	3.7	<2.2	2.9	<3.4	<2.7	<2.4	<2.0	<3.0	27	<1.6	<2.5	<2.8	<1.8	3.9	14
AEI SG:1	7/21/2023	5	<1.9	<2.3	<2.6	3.2	<4.1	<3.2	<2.9	<2.4	<3.6	52	<1.9	<3.0	5.7	2.6	<2.5	<2.5
AEI SG:1	6/9/2023	15	**4.9**	12	3.0	16	<3.7	<3.0	<2.7	<2.2	<3.3	56	<1.7	5.0	<3.1	22	<2.3	99
AEI SG:1	7/21/2023	15	<2.2	<2.6	<3.0	<6.0	<4.1	<3.8	<3.4	<2.8	4.2	68	9.3	<3.4	4.8	<2.5	<2.9	<2.9
AEI SG:2	6/9/2023	5	**6.3**	4.1	<2.2	3.1	<3.4	<2.7	<2.4	<2.0	<3.0	28	<1.6	<2.5	<2.8	7.7	5.3	25
AEI SG:2	7/21/2023	5	<1.6	<1.9	<2.2	<4.4	<3.4	<2.7	<2.4	<2.0	4.2	40	<1.6	<2.5	<2.8	<1.8	<2.1	<2.1
AEI SG:3	6/9/2023	4.5	**4.6**	4.5	<2.2	3.9	<3.4	<2.7	<2.4	<2.0	<3.0	59	<1.6	<2.5	<2.8	31	<2.1	19
AEI SG:3	7/21/2023	4.5	<1.9	<2.3	<2.6	<5.2	<4.1	<3.2	<2.9	<2.4	11	270	<1.9	<3.0	4.9	<2.1	<2.5	<2.5
AEI SG:4	6/9/2023	5	<1.6	2.7	<2.2	4.6	**23**	<2.7	<2.4	<2.0	<3.0	28	<1.6	<2.5	<2.8	29	<2.1	<2.1
AEI SG:4	7/21/2023	5	<2.1	<2.5	<2.8	<5.6	**67**	<3.5	**13**	<2.6	7.8	63	<2.0	<3.2	3.8	2.5	<2.7	<2.7
AEI SG:5	6/9/2023	5	**4.6**	16	5.1	28	<3.4	<2.7	**9.0**	<2.0	<3.0	78	<1.6	3.0	<2.8	3.0	<2.1	25
AEI SG:5	7/21/2023	5	2.6	<2.1	<2.4	<4.8	<3.7	<3.0	<2.7	<2.2	5.5	67	<1.7	<2.7	6.0	2.7	<2.3	<2.3
AEI SG:5	6/9/2023	15	**3.5**	3.7	<2.2	3.6	3.9	<2.7	<2.4	<2.0	<3.0	33	<1.6	<2.5	2.8	6.9	6.4	18
AEI SG:5	7/21/2023	15	<1.8	<2.1	<2.4	3.8	<3.7	<3.0	<2.7	<2.2	<3.3	49	<1.7	<2.7	<3.1	2.1	<2.3	<2.3
AEI SG:6	8/3/2023	15	**5.9**	12	<2.2	3.4	8.0	10	<2.4	<2.0	<3.0	140	6.7	<2.5	<2.8	6.9	<2.1	<2.1
AEI SG:6	8/3/2023	30	**4.1**	4.4	<2.2	4.0	**42**	11	<2.4	<2.0	<3.0	71	2.2	<2.5	<2.8	7.0	<2.1	<2.1
AEI SG-7-5	4/15/2024	5	<1.6	<1.9	<2.2	<2.2	6.4	<2.7	<2.4	<2.0	<3.0	18	2.9	<2.5	3.1	<1.8	<2.1	<2.1
AEI SG-7-15	4/15/2024	15	<1.6	<1.9	<2.2	<2.2	5.0	<2.7	<2.4	<2.0	<3.0	20	7.3	<2.5	<2.8	<1.8	<2.1	<2.1
AEI SG-8-5	4/15/2024	5	<1.6	<1.9	<2.2	<2.2	7.7	<2.7	<2.4	<2.0	<3.0	12	<1.6	<2.5	<2.8	<1.8	<2.1	<2.1
AEI SG-8-15	4/15/2024	15	<1.8	<2.1	<2.4	<2.4	<3.7	<3.0	<2.7	<2.2	<3.3	24	4.8	<2.7	<3.1	<1.9	<2.3	<2.3
AEI SG-9-5	4/15/2024	5	<1.6	<1.9	<2.2	<2.2	4.4	<2.7	<2.4	<2.0	<3.0	18	<1.6	<2.5	<2.8	<1.8	<2.1	<2.1
AEI SG-9-15	4/15/2024	15	<1.6	<1.9	<2.2	<2.2	<3.4	<2.7	<2.4	<2.0	<3.0	13	9.2	<2.5	<2.8	<1.8	<2.1	<2.1
AEI SG-10-5	4/15/2024	5	<1.8	<2.1	<2.4	<2.4	<3.7	<3.0	<2.7	<2.2	<3.3	26	2.4	<2.7	<3.1	<1.9	<2.3	<2.3
AEI SG-10-15	4/15/2024	15	<1.9	<2.2	<2.5	<2.5	5.9	<3.1	<2.9	<2.3	<3.5	15	5.1	<2.9	<3.3	<2.1	<2.4	<2.4
AEI SG-11-5	4/15/2024	5	<1.6	<1.9	<2.2	<2.2	<3.4	<2.7	<2.4	<2.0	<3.0	24	2.0	<2.5	<2.8	<1.8	<2.1	<2.1
AEI SG-11-15	4/15/2024	15	<1.6	1.9	<2.2	<2.2	3.5	4.7	<2.4	<2.0	<3.0	96	12	<2.5	<2.8	<1.8	<2.1	<2.1
AEI SG-12-5	4/15/2024	5	<1.7	2.6	<2.3	2.5	4.1	<2.8	<2.6	<2.1	<3.2	16	3.7	<2.6	<3.0	<1.9	<2.2	<2.2
AEI SG-12-15	4/15/2024	15	**5.3**	6.4	<2.2	4.4	<3.4	4.7	<2.4	<2.0	<3.0	39	65	<2.5	3.1	<1.8	<2.1	<2.1
Comparison Values:																		
ESL Vapor Intrusion - R:			3.2	10,000	37	3,500	15	16	4.1	2,400	--	1,100,000	--	--	--	--	--	--
ESL Vapor Intrusion - C/I:			14	44,000	160	15,000	67	100	18	10,000	--	4,500,000	--	--	--	--	--	--

Notes:

µg/m³	micrograms per cubic meter	N/A	not applicable
<RL	less than the laboratory reporting limit	ND	not detected
bgs	below ground surface	TCE	Trichloroethene
--	not established	E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL)
DCE	Dichloroethene	trans-1,2-DCE	trans-1,2-Dichloroethene
DFA	Difluoroethane	VOCs	Volatile organic compounds
		Bold	Result exceeds a Comparison Value
		J	Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative

Comparison Values:
ESL Direct Exposure - R: Environmental Screening Levels (ESLs) - Residential - See report text for reference

TABLE 3: SOIL GAS SAMPLE DATA SUMMARY
1207 North Capitol Avenue, San Jose, California

Location ID	Date	Depth (feet bgs)	tert-Butanol (µg/m^3)	2-Butanone (µg/m^3)	2-Propanol (µg/m^3)	Tetrahydrofuran (µg/m^3)	1,1,1-Trichloroethane (µg/m^3)	1,2,4-Trimethylbenzene (µg/m^3)	1,3,5-Trimethylbenzene (µg/m^3)	Remaining VOCs (µg/m^3)	Oxygen (%)	Helium/1,1-DFA Detected in Sample (%)	Field Helium Shroud (%)	Maximum Allowable Helium Detection in Sample (%)
Soil Gas Investigation Report (Partner)														
SG-1	1/24/2023	5	ND	ND	ND	ND	ND	ND	ND	ND	--	<3.3	N/A	N/A
SG-2	1/24/2023	5	ND	ND	ND	ND	ND	ND	ND	ND	--	<3.3	N/A	N/A
SG-3	1/24/2023	5	ND	ND	ND	ND	ND	ND	ND	ND	--	<3.3	N/A	N/A
SG-4	1/24/2023	5	ND	ND	ND	ND	ND	ND	ND	ND	--	<3.3	N/A	N/A
SG-5	1/24/2023	5	ND	ND	ND	ND	ND	ND	ND	ND	--	<3.3	N/A	N/A
SG-6	1/24/2023	5	ND	ND	ND	ND	ND	ND	ND	ND	--	<3.3	N/A	N/A
Additional Subsurface Investigation														
AEI SG:1	6/9/2023	5	<1.5	4.9	16	<1.5	<2.7	<2.5	<2.5	<RL	--	<1.1	32.6	1.63%
AEI SG:1	7/21/2023	5	9.3	5.2	<15	<1.8	<3.3	<3.0	<3.0	<RL	9.4	<7.4	20.5	1.03%
AEI SG:1	6/9/2023	15	<1.7	19	32	<1.6	<3.0	6.5	<2.7	<RL	--	<7.7	34.5	1.73%
AEI SG:1	7/21/2023	15	8.3	15	<17	27	<3.8	<3.4	<3.4	<RL	9.7	<7.4	26.4	1.32%
AEI SG:2	6/9/2023	5	<1.5	9.2	16	<1.5	<2.7	3.1	<2.5	<RL	--	<1.2	27.9	1.40%
AEI SG:2	7/21/2023	5	<1.5	5.2	28	<1.5	<2.7	<2.5	<2.5	<RL	17	<3.9	20.3	1.02%
AEI SG:3	6/9/2023	4.5	<1.5	16	38	<1.5	<2.7	3.0	<2.5	<RL	--	<1.4	52.4	2.62%
AEI SG:3	7/21/2023	4.5	83	13	660	<1.8	<3.3	<3.0	<3.0	<RL	19	<9.2	25.8	1.29%
AEI SG:4	6/9/2023	5	9.1	8.8	20	<1.5	<2.7	4.2	<2.5	<RL	--	<1.2	46.8	2.34%
AEI SG:4	7/21/2023	5	9.3	9.0	20	2.2	<3.5	<3.2	<3.2	<RL	14	<9.4	20.0	1.00%
AEI SG:5	6/9/2023	5	12	21	36	<1.5	<2.7	9.6	3.6	<RL	--	<1.2	25.4	1.27%
AEI SG:5	7/21/2023	5	13	7.2	31	<1.6	<3.0	<2.7	<2.7	<RL	8.9	<9.4	20.1	1.01%
AEI SG:5	6/9/2023	15	6.4	13	<12	<1.5	<2.7	3.1	<2.5	<RL	--	<1.3	24.3	1.22%
AEI SG:5	7/21/2023	15	7.3	5.6	<14	<1.6	<3.0	<2.7	<2.7	<RL	11	<9.2	20.6	1.03%
AEI SG:6	8/3/2023	15	18	76	12	<1.5	<2.7	3.6	<2.5	<RL	16	<8.1	22.3	1.12%
AEI SG:6	8/3/2023	30	19	35	14	<1.5	8.1	2.5	<2.5	<RL	16	<7.2	25.4	1.27%
AEI SG-7-5	4/15/2024	5	3.0	<1.5	19	<1.5	<2.7	<2.5	<2.5	<RL	--	<0.034	23.6	1.18%
AEI SG-7-15	4/15/2024	15	3.4	<1.5	<12	<1.5	<2.7	<2.5	<2.5	<RL	--	<0.019	30.9	1.55%
AEI SG-8-5	4/15/2024	5	<1.5	<1.5	<12	1.5	<2.7	<2.5	<2.5	<RL	--	<0.039	22.9	1.15%
AEI SG-8-15	4/15/2024	15	<1.7	<1.6	<14	<1.6	<3.0	<2.7	<2.7	<RL	--	<0.045	25.9	1.30%
AEI SG-9-5	4/15/2024	5	5.3	<1.5	<12	<1.5	<2.7	<2.5	<2.5	<RL	--	<0.038	39.7	1.99%
AEI SG-9-15	4/15/2024	15	1.7	<1.5	<12	<1.5	<2.7	<2.5	<2.5	<RL	--	<0.033	25.5	1.28%
AEI SG-10-5	4/15/2024	5	2.8	<1.6	<14	<1.6	<3.0	<2.7	<2.7	<RL	--	2.2 J	22.4	1.12%
AEI SG-10-15	4/15/2024	15	2.8	<1.7	23	<1.7	<3.2	<2.9	<2.9	<RL	--	0.84 J	25.1	1.26%
AEI SG-11-5	4/15/2024	5	1.6	<1.5	24	<1.5	<2.7	<2.5	<2.5	<RL	--	<0.023	21.0	1.05%
AEI SG-11-15	4/15/2024	15	<1.5	<1.5	130	<1.5	<2.7	<2.5	<2.5	<RL	--	<0.013	23.1	1.16%
AEI SG-12-5	4/15/2024	5	<1.6	<1.6	34	<1.6	<2.9	<2.6	<2.6	<RL	--	<0.042	20.3	1.02%
AEI SG-12-15	4/15/2024	15	<1.5	<1.5	24	<1.5	<2.7	<2.5	<2.5	<RL	--	<0.026	23.3	1.17%
Comparison Values:														
ESL Vapor Intrusion - R:			--	170,000	--	--	35,000	--	--	Various		--	--	--
ESL Vapor Intrusion - C/I:			--	730,000	--	--	150,000	--	--	Various		--	--	--

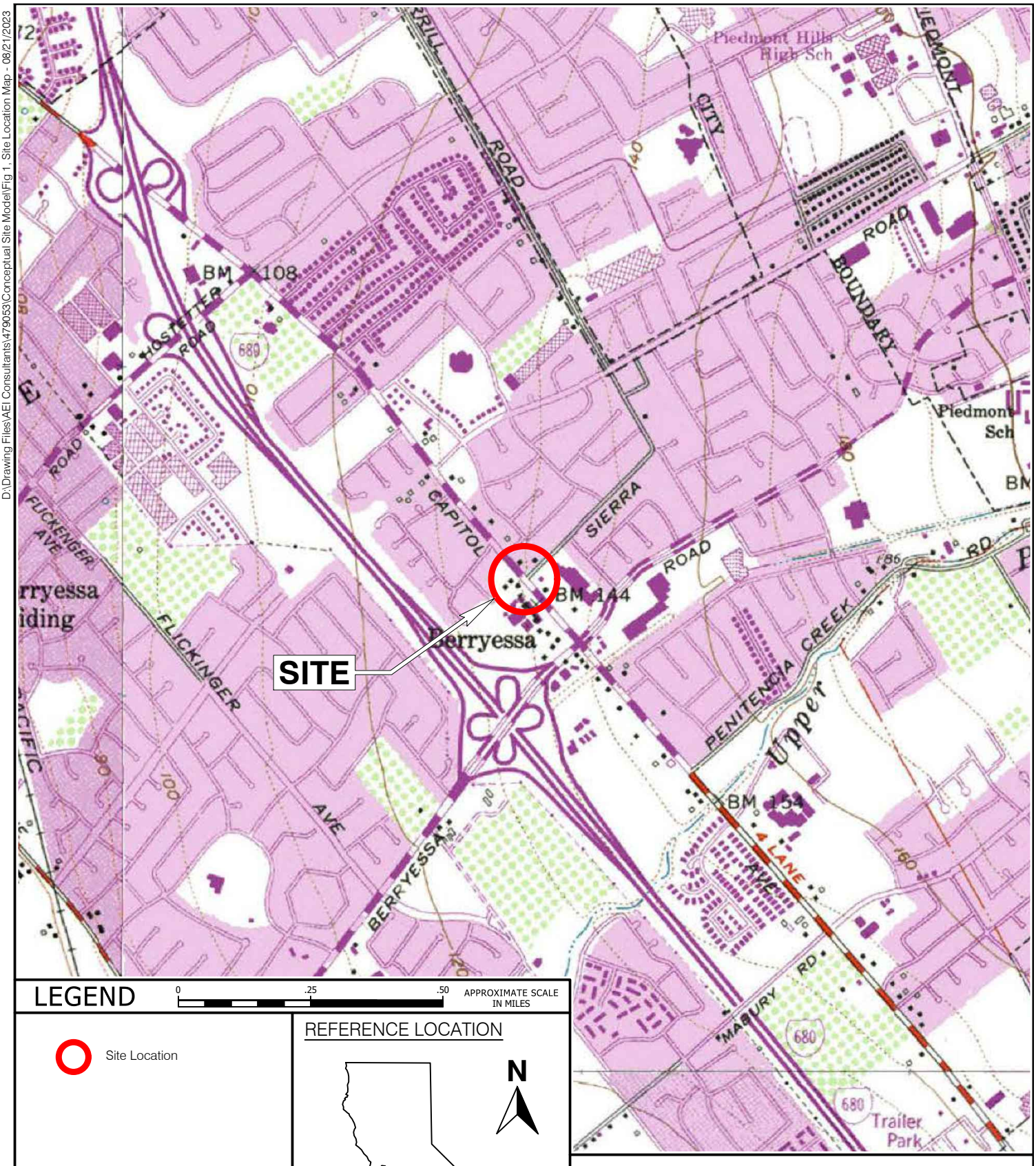
Notes:

µg/m^3	micrograms per cubic meter	N/A	not applicable
<RL	less than the laboratory reporting limit	ND	not detected
bgs	below ground surface	TCE	Trichloroethene
--	not established	E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL)
DCE	Dichloroethene	trans-1,2-DCE	trans-1,2-Dichloroethene
DFA	Difluoroethane	VOCs	Volatile organic compounds
		Bold	Result exceeds a Comparison Value
		J	Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative

Comparison Values:
ESL Direct Exposure - R: Environmental Screening Levels (ESLs) - Residential - See report text for reference

FIGURES

D:\Drawing Files\AEI Consultants\479053\Conceptual Site Model\Fig 1. Site Location Map - 08/21/2023

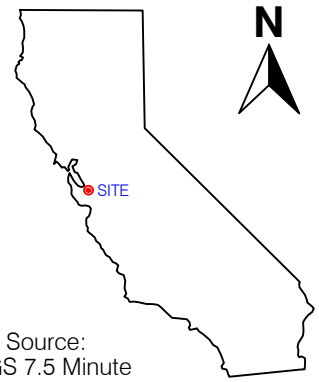


LEGEND

0 .25 .50 APPROXIMATE SCALE IN MILES

Site Location

REFERENCE LOCATION



Map Source:
USGS 7.5 Minute
Topographic Quadrangle Map,
CALAVERAS RESERVOIR, CA - 1980

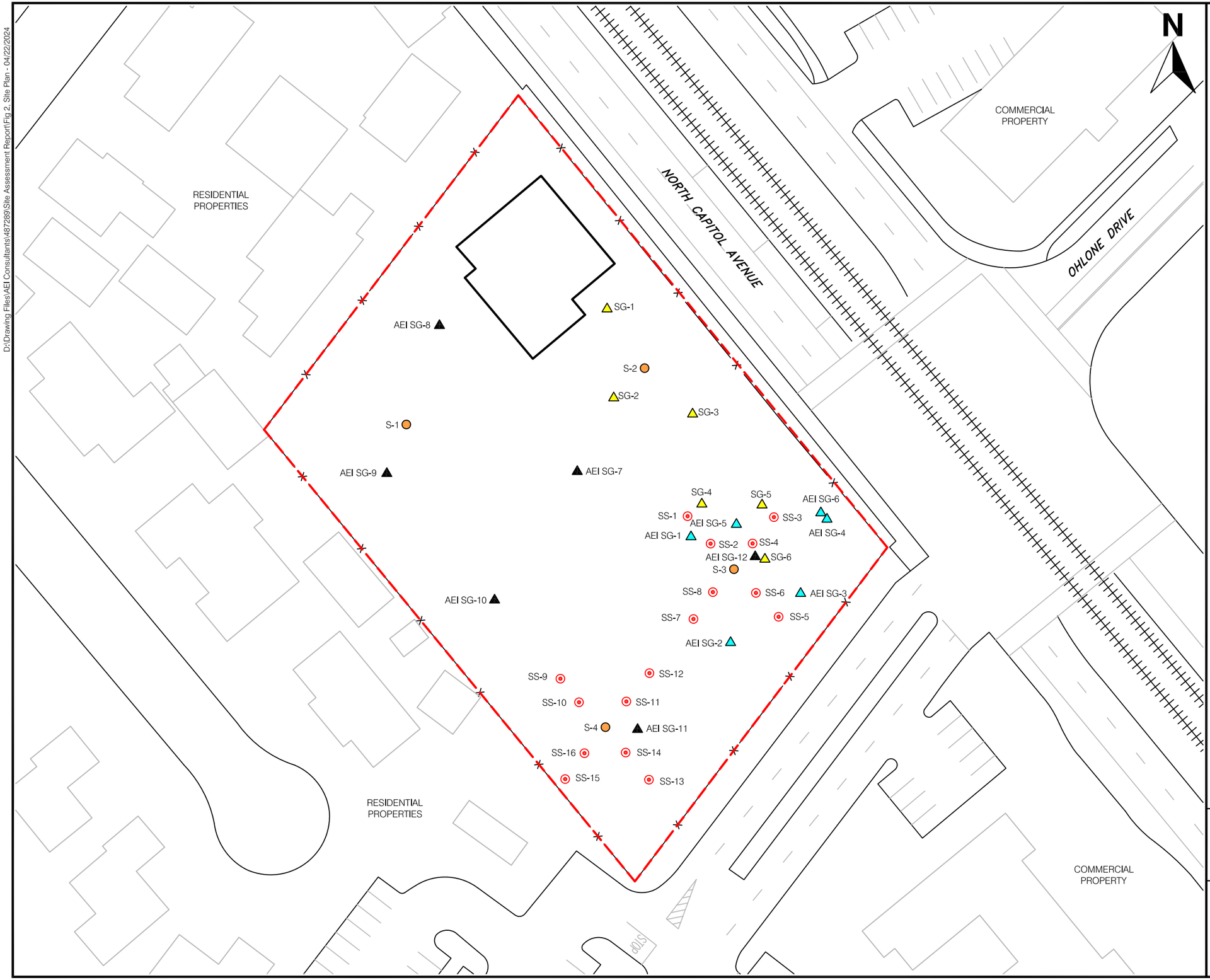
SITE LOCATION MAP

AEI

1207 North Capitol Avenue
San Jose, California

FIGURE 1
Project No. 487289

D:\Drawing Files\AEI Consultants\487289\Site Assessment Report\Fig 2. Site Plan - 04/22/2024



LEGEND

- AEI SG-12 ▲ Proposed Soil Vapor Sample Location
- SG-1 △ Soil Gas Sample Location (Partner)
- SS-1 ⊙ Soil Sample Location (Partner)
- S-1 ● Soil Boring Location (Partner)
- SG-1 △ Soil Gas Sample Location (AEI, 2023)
- Site Boundary
- VTA Light Rail

0 50 100

APPROXIMATE SCALE IN FEET

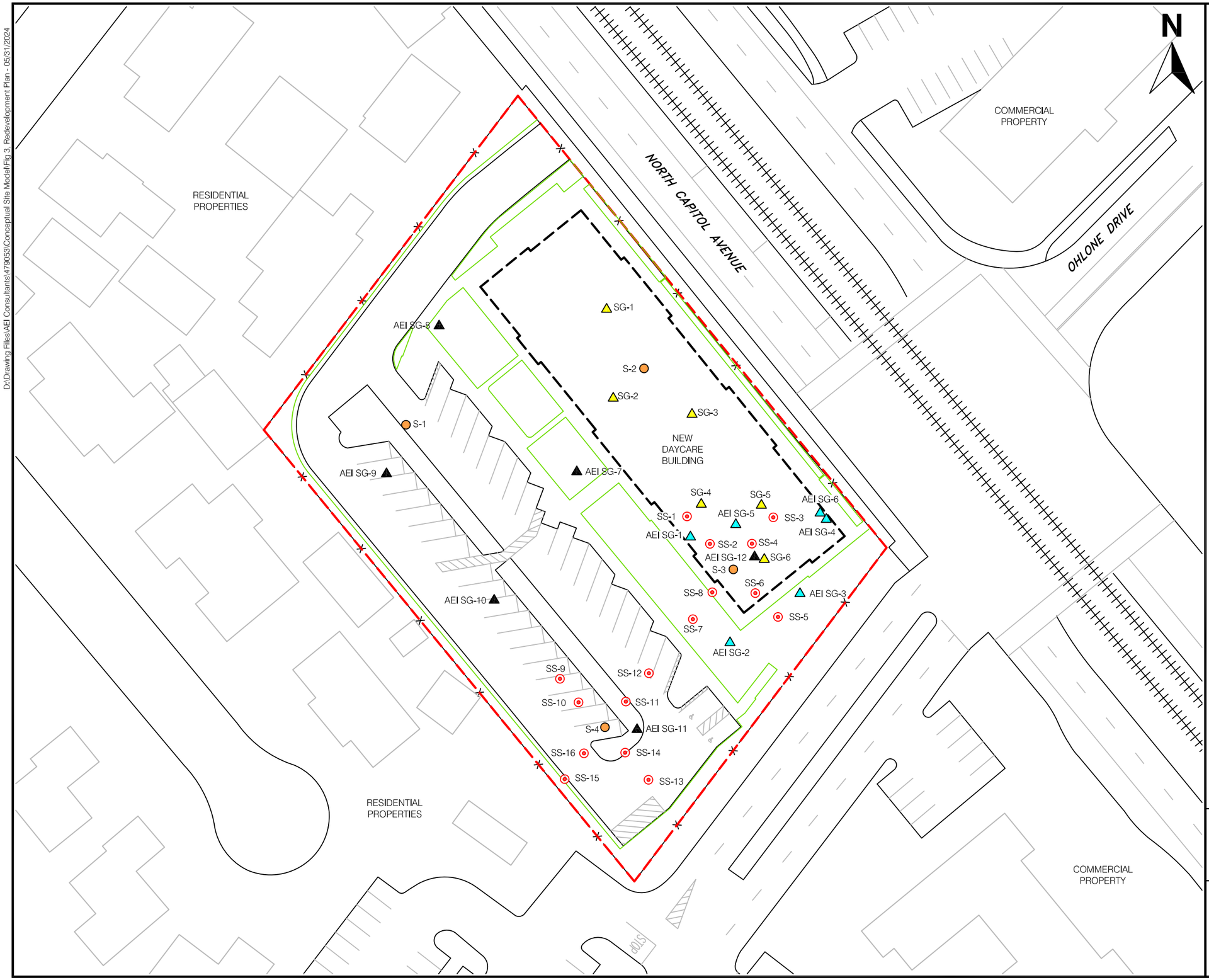
SITE PLAN

AEI

1207 North Capitol Avenue
San Jose, California

FIGURE 2
Project No. 487289

D:\Drawing Files\AEI Consultants\479053\Conceptual Site Model\Fig 3. Redevelopment Plan - 05/31/2024



LEGEND

- AEI SG-12 ▲ Proposed Soil Vapor Sample Location
- SG-1 △ Soil Gas Sample Location (Partner)
- SS-1 ⊙ Soil Sample Location (Partner)
- S-1 ● Soil Boring Location (Partner)
- SG-1 △ Soil Gas Sample Location (AEI, 2023)
- Site Boundary
- VTA Light Rail
- Landscaping
- Proposed Building

0 50 100

APPROXIMATE SCALE IN FEET

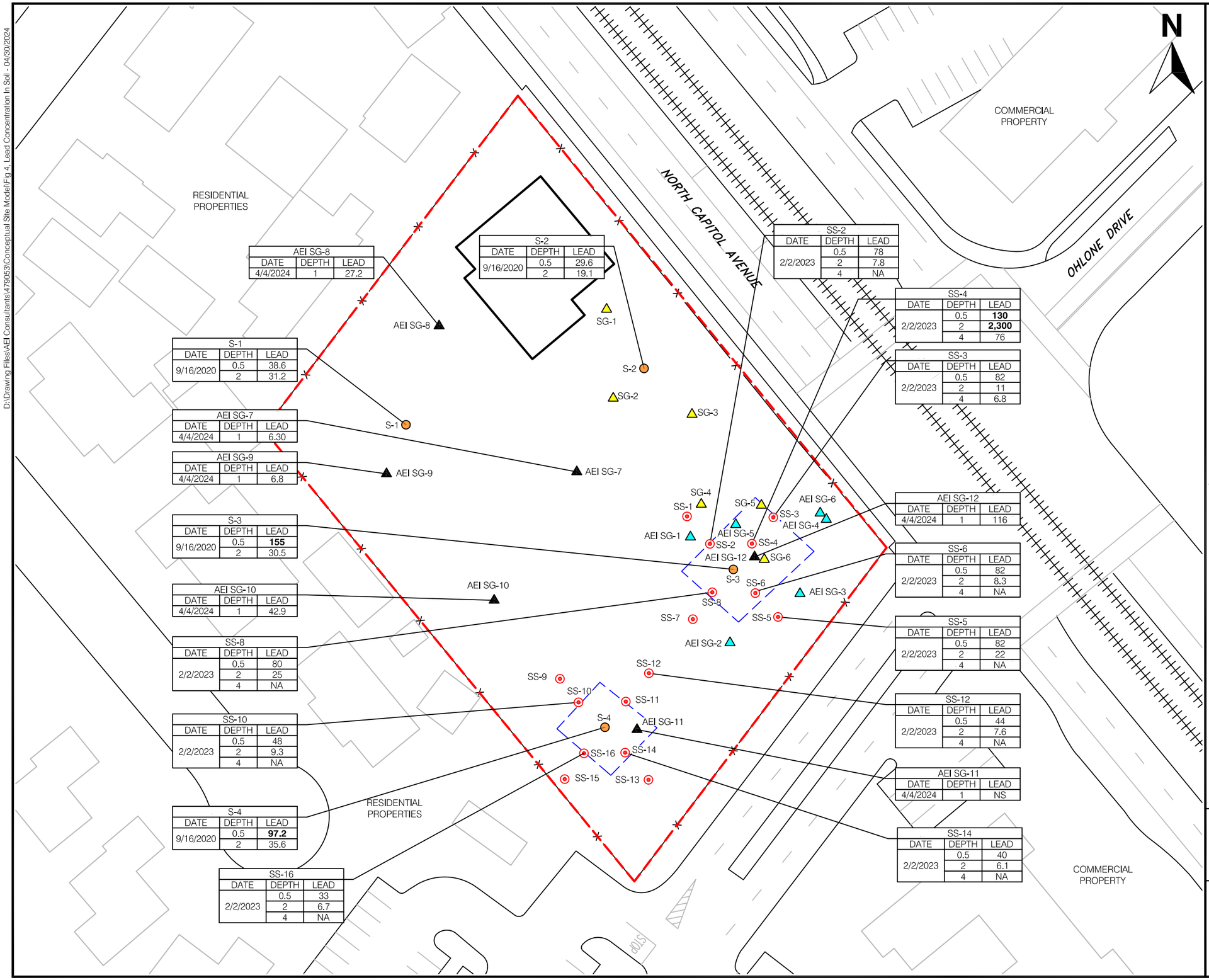
REDEVELOPMENT PLAN

AEI

1207 North Capitol Avenue
San Jose, California

FIGURE 3
Project No. 479053

D:\Drawing Files\AEI Consultants\479053\Conceptual Site Model\Fig 4, Lead Concentration In Soil - 04/30/2024



LEGEND

- AEI SG-12 ▲ Proposed Soil Vapor Sample Location
- SG-1 △ Soil Gas Sample Location (Partner)
- SS-1 ⊙ Soil Sample Location (Partner)
- S-1 ● Soil Boring Location (Partner)
- SG-1 △ Soil Gas Sample Location (AEI, 2023)
- Site Boundary
- VTA Light Rail
- Proposed Shallow Soil Excavation

Notes:
- All concentrations reported in micrograms per kilogram (µg/kg)
- NA - Not Analized
- Depth in Feet bgs (Below Ground Surface)
- **BOLD** - Exceeds one of more screening level and may be subject to disposal restrictions
- Base Map Sources:
  X

0 50 100
APPROXIMATE SCALE IN FEET

LEAD CONCENTRATIONS IN SOIL

AEI

1207 North Capitol Avenue
San Jose, California

FIGURE 4
Project No. 479053

D:\Drawing Files\AEI Consultants\487289\Site Assessment Report\Fig 5, Benzene And PCE Concentrations In Soil Gas - 05/01/2024

SG-1			
DATE	DEPTH	BENZENE	PCE
1/24/2023	5'	ND	3.0 J

AEI-SG-8			
DATE	DEPTH	BENZENE	PCE
4/15/2024	5'	<0.44	**7.7**
	15'	<0.48	<1.6

SG-2			
DATE	DEPTH	BENZENE	PCE
1/24/2023	5'	ND	4.3 J

AEI-SG-9			
DATE	DEPTH	BENZENE	PCE
4/15/2024	5'		**4.4**
	15'	<0.44	<1.5

AEI-SG-7			
DATE	DEPTH	BENZENE	PCE
4/15/2024	5'	<0.44	**6.4**
	15'	<0.44	**5.0**

AEI-SG-10			
DATE	DEPTH	BENZENE	PCE
4/15/2024	5'	<0.48	<1.6
	15'	<0.51	**5.9**

AEI-SG-1			
DATE	DEPTH	BENZENE	PCE
6/9/2023	5'	<1.6	<3.4
7/21/2023		<1.9	<4.1
6/9/2023	15'	**4.9**	<3.7
7/21/2023		<2.2	<4.1

SG-3			
DATE	DEPTH	BENZENE	PCE
1/24/2023	5'	ND	2.7 J

SG-4			
DATE	DEPTH	BENZENE	PCE
1/24/2023	5'	ND	2.8 J

AEI-SG-5			
DATE	DEPTH	BENZENE	PCE
6/9/2023	5'	**4.6**	<3.4
7/21/2023		2.6	<3.7
6/9/2023	15'	**3.5**	3.9
7/21/2023		<1.8	<3.7

SG-5			
DATE	DEPTH	BENZENE	PCE
1/24/2023	5'	ND	<0.59

AEI-SG-6			
DATE	DEPTH	BENZENE	PCE
8/03/2023	15'	**5.9**	8.0
	30'	**4.1**	**42**

AEI-SG-4			
DATE	DEPTH	BENZENE	PCE
6/9/2023	5'	<1.6	**23**
7/21/2023		<2.1	**67**

SG-6			
DATE	DEPTH	BENZENE	PCE
1/24/2023	5'	ND	**290**

AEI-SG-3			
DATE	DEPTH	BENZENE	PCE
6/9/2023	4.5'	**4.6**	<3.4
7/21/2023		<1.9	<4.1

AEI-SG-12			
DATE	DEPTH	BENZENE	PCE
4/15/2024	5'	<0.46	**4.1**
	15'	**5.3**	<3.4

AEI-SG-2			
DATE	DEPTH	BENZENE	PCE
6/9/2023	5'	**6.3**	<3.4
7/21/2023		<1.6	<3.4

AEI-SG-11			
DATE	DEPTH	BENZENE	PCE
4/15/2024	5'	<0.44	<1.5
	15'	<0.44	**3.5**

RESIDENTIAL PROPERTIES

RESIDENTIAL PROPERTIES

COMMERCIAL PROPERTY

NORTH CAPITOL AVENUE

ONE DRIVE

SG-1 SG-2 SG-3 SG-4 SG-5 SG-6

AEI SG-1 AEI SG-2 AEI SG-3 AEI SG-4 AEI SG-5 AEI SG-6 AEI SG-7 AEI SG-8 AEI SG-9 AEI SG-10 AEI SG-11 AEI SG-12

S-1 S-2 S-3 S-4

SS-1 SS-2 SS-3 SS-4 SS-5 SS-6 SS-7 SS-8 SS-9 SS-10 SS-11 SS-12 SS-13 SS-14 SS-15 SS-16

N

LEGEND

- AEI SG-12 ▲ Proposed Soil Vapor Sample Location
- SG-1 △ Soil Gas Sample Location (Partner)
- SS-1 ⊙ Soil Sample Location (Partner)
- S-1 ● Soil Boring Location (Partner)
- SG-1 △ Soil Gas Sample Location (AEI, 2023)
- Site Boundary
- VTA Light Rail

Notes:
- All concentrations reported in micrograms per cubic meter ($\mu g/m^3$)
- PCE - Tetrachloroethene
- Depth in Feet bgs (Below Ground Surface)
- ND - Not Detected
- J - Estimated Value
- **BOLD** - Results exceeds a Comparison Value

0 50 100

APPROXIMATE SCALE IN FEET

BENZENE AND PCE CONCENTRATIONS IN SOIL GAS

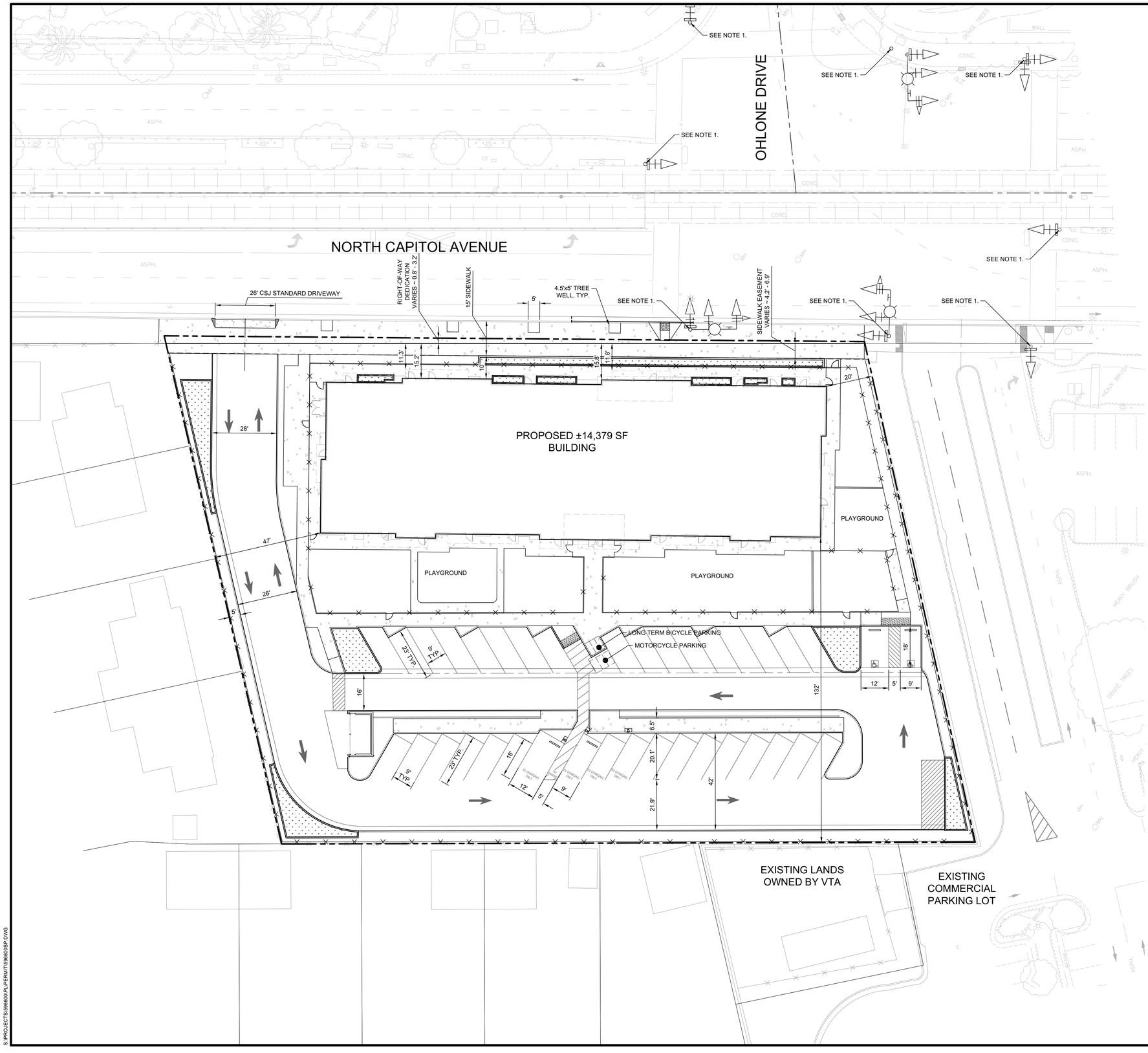
AEI

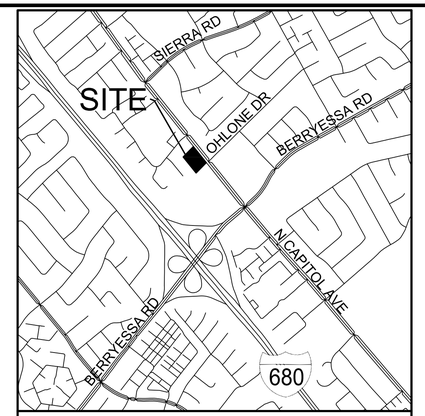
1207 North Capitol Avenue
San Jose, California

FIGURE 5
Project No. 487289

APPENDICES

APPENDIX A
Site Development Plan





VICINITY MAP
SCALE: 1" = 1000'

LEGEND

PROJECT BOUNDARY

RIGHT-OF-WAY

NOTES

1. (8) EXISTING ACCESSIBLE PEDESTRIAN SIGNALS AT ALL LEGS OF THE N CAPITOL AVE AND OHLONE DRIVE INTERSECTION TO BE UPGRADED TO POLARA iNAVIGATOR 2-WIRE SYSTEM PER CITY OF SAN JOSE TRAFFIC SIGNAL DESIGN STANDARDS.
2. SEE ARCHITECTURAL SITE PLAN PROVIDED BY GREENBERG FARROW FOR ADDITIONAL INFORMATION.

0 10 20 40

1 INCH = 20 FEET

HMH
Land Use Entitlements
Land Planning
Landscape Architecture
Civil Engineering
Utility Design
Land Surveying
Stormwater Compliance
1570 Oakland Road (408) 487-2200
San Jose, CA 95131 HMHca.com

30 Executive Park, Suite 100
Irvine, CA 92614
t: 949 296 0450 f: 949 296 0479
www.greenbergfarrow.com

CHILD CARE FACILITY
1207 NORTH CAPITOL AVENUE
SPECIAL USE PERMIT
SP22-020

NO	DATE	DESCRIPTION
3	11/17/22	PER CITY COMMENTS
2	10/06/22	PER CITY COMMENTS

PROJECT NO:	5966.00
CAD DWG FILE:	596600SP.DWG
DESIGNED BY:	CM
DRAWN BY:	CM
CHECKED BY:	ZEF
DATE:	JULY 6, 2022
SCALE:	AS SHOWN

© HMH

SITE PLAN

022 8:47 AM

APPROVED
City of San José Planning Division
By: Alec Atienza
File No.: SP22-020 | 1207 N CAPITOL AV
Date: 06/28/23

S:\PROJECTS\596600\PLI\PERMIT\596600SP.DWG

APPENDIX B
Soil Boring Permit

Santa Clara Valley Water District

5750 Almaden Expressway
San Jose, CA 95118-3686
(408) 265-2600

APPLICATION TO DRILL EXPLORATORY BORINGS

FC 285 (03-26-15)

Date Issued: 1/30/2024	Expiration Date: 1/30/2025	District Permit No.: E24-0021
Client (if different from property owner):	**Property Owner**: Capitol Equity, LP	Name of Business/Residence at Site: Capitol Equity, LP
Client's Address: City, State, Zip	Property Owner's Address: 991 West Hedding Street, Suite 103 City, State, Zip San Jose, CA 95126	Address of Site: 1207 North Capitol Avenue City, State, Zip San Jose, CA 95132
Telephone No.:	Telephone No.: 858.431.6261	Assessor's Parcel No. of Site: Book 245 Page 05 Parcel 015

Consulting Company Name: AEI Consultants	Drilling Company Name: Environmental Control Associates	
Address: 2500 Camino Diablo City, State, Zip Walnut Creek, CA 94597	Address: 2011 Twin Palms Dr. City, State, Zip Aptos, CA 95003	
Telephone No.: 408.442.2605	Telephone No.: 831.662.8178	C-57/C-61 License No.: 695970
☐ Check if address or phone number has changed	☐ Check if address or phone number has changed	

In space at right, sketch location of proposed boring(s) in sufficient detail to identify location. In addition to distances to nearest street and intersection, show distances to any existing structures, landmarks, or topographic features.

How many borings will be installed on parcel? 2

☐ Proposed borings on District property/easement (See General Condition F, page 2.)

☐ Within 50 feet of the top of a creek bank or District facility

Proposed depth of boring(s):

☒ 45 to 150 feet
☐ 151 to 300 feet
☐ Over 300 feet

NOTE: No permit is required for borings under 45 feet deep.

SITE PLAN
(Please draw accurately)

Site Plan attached

N

Boring Type:	Boring Use:
☐ Hollow stem	☐ Geotechnical Investigation
☐ Rotary	☒ Environmental Investigation
☐ CPT	☐ Material Emplacement
☐ Hydropunch	☐ Sensor Emplacement
☒ Other: Direct push drilling rig	☐ Other:

SIGNATURES

I understand and agree that all work associated with this permit is required to be done in accordance with Santa Clara Valley Water District (District) Well Ordinance 90-1, the District Well Standards, and conditions of this permit (see page 2). I certify that the information given in this permit is correct to the best of my knowledge and that the signature below, whether original, electronic, or photocopied, is authorized and valid, and is affixed with the intent to be enforceable. I also certify that a right of entry/encroachment agreement has been formalized between the well owner and property owner, if parties differ.

Signature of Property Owner/Agent: Daniel Morrar Digitally signed by Daniel Morrar Date: 2024.01.23 17:15:06 -08'00'	Print/Type Name: Authorized Signer, Capitol Equity,LP	Date: 1/23/2024
Signature of Client/Agent:	Print/Type Name:	Date:
Signature of Driller/Agent: Kenneth Cook Digitally signed by Kenneth Cook Date: 2024.01.23 18:12:06 -05'00'	Print/Type Name: Kenneth B Cook	Date: 1/23/24
Signature of Consultant/Agent:	Print/Type Name: Natasha Budimirovic	Date: 1/23/2024

Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, CA 95118-3686
(408) 265-2600

APPLICATION TO DRILL EXPLORATORY BORINGS

IMPORTANT: A minimum 24-hour notice must be given to Santa Clara Valley Water District Well Inspection Department prior to installing the annular seal. Call (408) 265-2607, ext. 2660. Please allow 10 working days to process permit application.

GENERAL CONDITIONS

A. **District** (telephone 408-630-2660) **must be notified a minimum of one working day before the exploratory boring is backfilled**. An authorized District representative must be on site to witness the sealing operation. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the permittee(s) to furnish certification under penalty of perjury that the seal was constructed in accordance with the District Well Standards.

B. This permit is valid only for the purpose specified herein. Boring destruction methods authorized under this permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g., if the District representative finds that site conditions warrant such a change).

C. This permit is only valid for the Assessor's Parcel No. indicated on it.

D. This permit may be voided if it contains incorrect information.

E. Borings shall be sealed within 24 hours following completion of testing or sampling activities. Borings shall not be left in such a condition as to allow for the introduction of surface waters or foreign materials into them. Borings shall be secured such that they do not endanger public health.

F. If any work associated with this permit will take place on District property/easement, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone 408-630-2350, -2217, or -2253).

G. The permittee(s) shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend, and hold the District, its officers, agents, and employees, free and harmless from any and all expense, cost, and liability in connection with or resulting from the granting or exercise of this permit including, but not limited to, property damage, personal injury, and wrongful death.

H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.

I. A current C-57 or C-61 Contractor's License is required for work associated with this permit.

J. Permittee, permittee's contractors, consultants, or agents shall be responsible to assure that all materials or waters generated during drilling, boring destruction, and/or other activities associated with this permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statues regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on- or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where the work is being completed.

K. The driller and consultants (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with District.

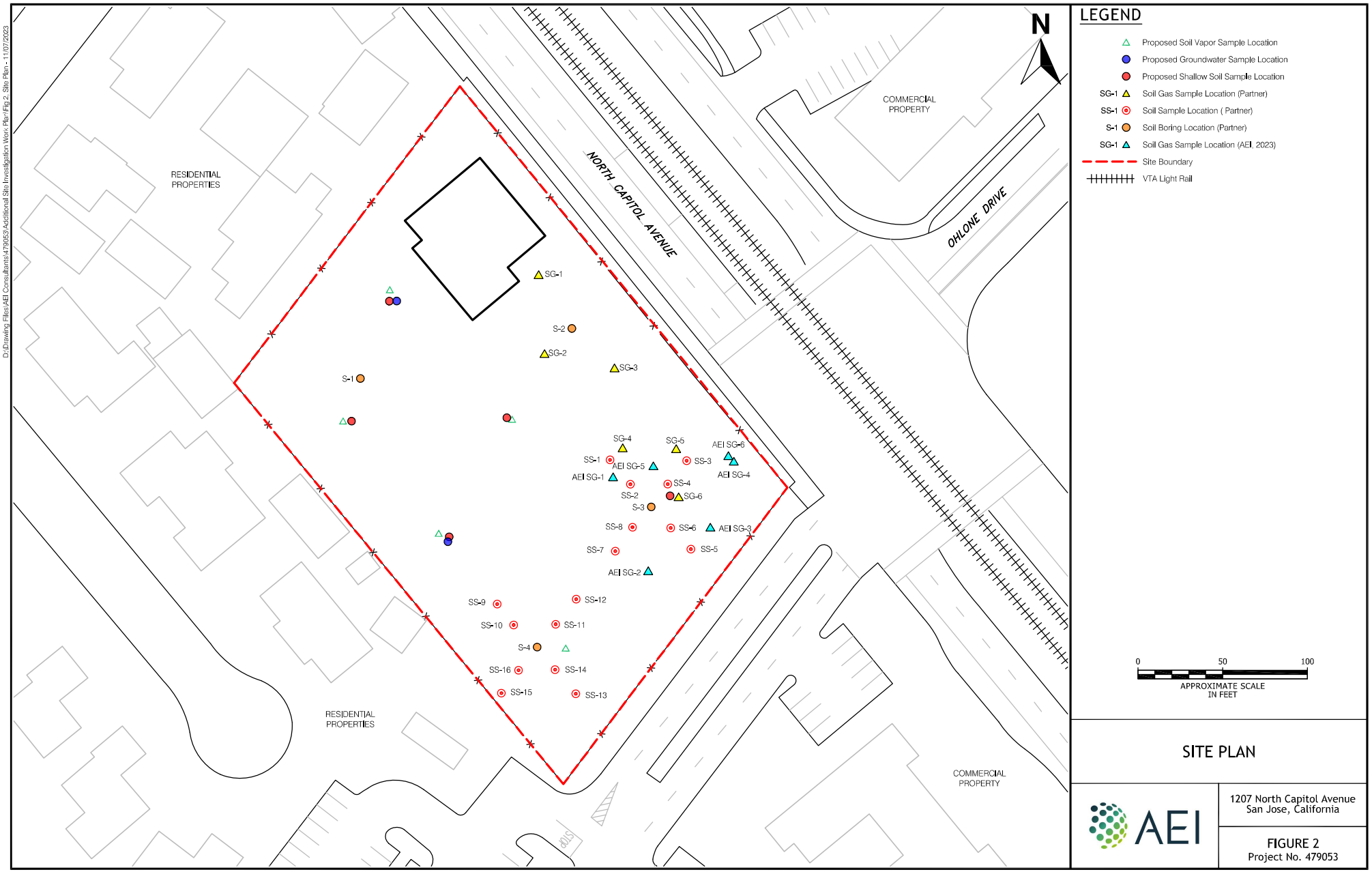
L. This permit shall expire if not exercised within 180 calendar days of its approval, unless an extension of the permit expiration date is granted by an authorized District representative.

M. This permit shall be kept on site during all activities associated with it and shall immediately be presented to an authorized District representative upon request.

N. Permittee shall notify Underground Service Alert (USA) at 1-800-227-2600 or 811 prior to any digging.

Permit Approved by:	Date:
Belen Avalos	1/30/2024

Please allow 10 working days to process this application.



D:\Drawing Files\AEI Consultants\479053\Additional Site Investigation Work Plan\Fig 2 Site Plan - 11072023

SITE PLAN

AEI

1207 North Capitol Avenue
San Jose, California

FIGURE 2
Project No. 479053

APPENDIX C
Soil Boring Logs

AEI Consultants
2500 Camino Diablo
Walnut Creek, CA
Telephone: 925.746.6000

BORING NUMBER SB-1

CLIENT Danco Communities
PROJECT NAME Additional Site Investigation
PROJECT NUMBER 487289
PROJECT LOCATION 1207 North Capitol Avenue, San Jose, CA
DATE STARTED 4/4/24 **COMPLETED** 4/4/24
GROUND ELEVATION _____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING --- 34.5
LOGGED BY N. Woods **CHECKED BY** T. Weise
AT END OF DRILLING --- N/A
NOTES _____
AFTER DRILLING --- N/A

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					Hydropunch Solid Tip to 26 ft bgs	
26.0						

Bottom of borehole at 40.5 feet.

AEI BORING - GINT STD US LAB.GDT - 5/7/24 09:25 - P:\COMPANYWIDE PROJECTS\487000 SERIES\487289 SAN JOSE, CA\SM\DELIVERABLES\2024-02 INVESTIGATION\BORING LOGS\487289 BORING LOGS.GPJ

AEI Consultants
2500 Camino Diablo
Walnut Creek, CA
Telephone: 925.746.6000

BORING NUMBER SB-2

CLIENT Danco Communities
PROJECT NAME Additional Site Investigation
PROJECT NUMBER 487289
PROJECT LOCATION 1207 North Capitol Avenue, San Jose, CA
DATE STARTED 4/4/24 **COMPLETED** 4/4/24
GROUND ELEVATION _____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING --- 33
LOGGED BY N. Woods **CHECKED BY** T. Weise
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					Hydropunch Solid Tip to 32 ft bgs	
32.0						

Bottom of borehole at 40.5 feet.

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AEI Consultants
2500 Camino Diablo
Walnut Creek, CA
Telephone: 925.746.6000

BORING NUMBER SG-7

CLIENT Danco Communities
PROJECT NAME Additional Site Investigation
PROJECT NUMBER 487289
PROJECT LOCATION 1207 North Capitol Avenue, San Jose, CA
DATE STARTED 4/5/24 **COMPLETED** 4/5/24
GROUND ELEVATION _____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING --- N/A
LOGGED BY N. Woods **CHECKED BY** T. Weise
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0	SG-7-1				Silt with clay (ML), very dark grayish brown (10YR; 3/2), stiff, moist, fines, medium plasticity, no odor	Well box and surface completion
	SG-7-2					Neat cement grout
2.5	SG-7-3					1/4" OD teflon tubing
						Dry bentonite
					4.5 Gravelly sand (SW), grayish brown (10YR; 5/2), dense, moist, fine sand to fine gravel, no odor	Filter
5.0						
7.5						
10.0					10.0 Clayey silt (MH), dark grayish brown (10YR; 5/2), trace coarse sand, trace fine gravel, stiff, moist, fines, high plasticity, no odor	Neat cement grout
						1/4" OD teflon tubing
12.5						
						Dry bentonite
15.0						Filter
					15.5	Coarse grained sand

Bottom of borehole at 15.5 feet.

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AEI Consultants
2500 Camino Diablo
Walnut Creek, CA
Telephone: 925.746.6000

BORING NUMBER SG-8

CLIENT Danco Communities
PROJECT NAME Additional Site Investigation
PROJECT NUMBER 487289
PROJECT LOCATION 1207 North Capitol Avenue, San Jose, CA
DATE STARTED 4/5/24 **COMPLETED** 4/5/24
GROUND ELEVATION _____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING --- N/A
LOGGED BY N. Woods **CHECKED BY** T. Weise
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0	SG-8-1				Silty clay (CL), dark yellowish brown (10YR; 3/4), stiff, moist, fines, low plasticity, no odor	Well box and surface completion
	SG-8-2					Neat cement grout
2.5	SG-8-3					1/4" OD teflon tubing
						Dry bentonite
5.0						Filter
					5.3 Silt (ML), dark yellowish brown (10YR; 3/4), stiff, moist, fines, low plasticity, no odor	
7.5						
10.0						Neat cement grout
						1/4" OD teflon tubing
12.5						
						Dry bentonite
15.0						Filter
					15.5	Coarse grained sand

Bottom of borehole at 15.5 feet.

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AEI Consultants
2500 Camino Diablo
Walnut Creek, CA
Telephone: 925.746.6000

BORING NUMBER SG-9

CLIENT Danco Communities
PROJECT NAME Additional Site Investigation
PROJECT NUMBER 487289
PROJECT LOCATION 1207 North Capitol Avenue, San Jose, CA
DATE STARTED 4/5/24 **COMPLETED** 4/5/24
GROUND ELEVATION _____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING --- N/A
LOGGED BY N. Woods **CHECKED BY** T. Weise
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0	SG-9-1				Silty clay (MH), dark grayish brown (10YR; 4/2), stiff, moist, fines, high plasticity, no odor	Well box and surface completion
	SG-9-2					Neat cement grout
2.5	SG-9-3					1/4" OD teflon tubing
						Dry bentonite
				4.3	Gravelly sand (SW), brown (10YR; 5/3), dense, moist, fine sand to coarse gravel, no odor	Filter
5.0						
7.5				7.5	Silty clay (MH), brown (10YR; 4/3), medium stiff, moist, fines, high plasticity, no odor	
					At 9 ft bgs, clayey silt, trace fine sand	Neat cement grout
10.0						
						1/4" OD teflon tubing
12.5					At 12 ft bgs, no sand	
						Dry bentonite
15.0						Filter
				15.5		Coarse grained sand

Bottom of borehole at 15.5 feet.

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AEI Consultants
2500 Camino Diablo
Walnut Creek, CA
Telephone: 925.746.6000

BORING NUMBER SG-10

CLIENT Danco Communities
PROJECT NAME Additional Site Investigation
PROJECT NUMBER 487289
PROJECT LOCATION 1207 North Capitol Avenue, San Jose, CA
DATE STARTED 4/4/24 **COMPLETED** 4/4/24
GROUND ELEVATION _____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING --- N/A
LOGGED BY N. Woods **CHECKED BY** T. Weise
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0	SG-10-1		1.4		Silt with some clay (ML), dark grayish brown (10YR; 4/2), stiff, moist, fines, medium plasticity, no odor	Well box and surface completion
2.5	SG-10-2					Neat cement grout
	SG-10-3					1/4" OD teflon tubing
5.0						Dry bentonite
						Filter
					6.0 Gravelly sand (SW), dark grayish brown (10YR; 4/2), medium dense, moist, fine sand to coarse gravel, no odor	
7.5					8.0 Silty clay (MH), dark grayish brown (10YR; 4/2), medium stiff, moist, fines, high plasticity, no odor	
10.0						Neat cement grout
			1.1			1/4" OD teflon tubing
12.5						Dry bentonite
15.0			2.4		15.5	Filter
						Coarse grained sand

Bottom of borehole at 15.5 feet.

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AEI Consultants
2500 Camino Diablo
Walnut Creek, CA
Telephone: 925.746.6000

BORING NUMBER SG-11

CLIENT Danco Communities
PROJECT NAME Additional Site Investigation
PROJECT NUMBER 487289
PROJECT LOCATION 1207 North Capitol Avenue, San Jose, CA
DATE STARTED 4/5/24 **COMPLETED** 4/5/24
GROUND ELEVATION _____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING --- N/A
LOGGED BY N. Woods **CHECKED BY** T. Weise
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0	SG-11-1				Silt with clay (ML), very dark grayish brown (10YR; 3/2), stiff, moist, fines, medium plasticity, no odor	Well box and surface completion
	SG-11-2					Neat cement grout
2.5	SG-11-3					1/4" OD teflon tubing
						Dry bentonite
4.0					Gravelly sand (SW), brown (10YR; 5/3), dense, moist, fine sand to coarse gravel, no odor	Filter
5.0						
7.5						
8.0					Silty clay (MH), brown (10YR; 4/3), medium sitff, moist, fines, high plasticity, no odor	
10.0						Neat cement grout
						1/4" OD teflon tubing
12.5						
13.5					Clayey silt (MH), brown (10YR; 4/3), stiff, moist, fines, high plasticity, no odor	Dry bentonite
15.0						Filter
15.5						Coarse grained sand

Bottom of borehole at 15.5 feet.

AEI BORING - GINT STD US LAB.GDT - 5/7/24 09:25 - P:\COMPANYWIDE PROJECTS\487000 SERIES\487289 SAN JOSE, CA\SM\DELIVERABLES\2024-02 INVESTIGATION\BORING LOGS\487289 BORING LOGS.GPJ

AEI Consultants
2500 Camino Diablo
Walnut Creek, CA
Telephone: 925.746.6000

BORING NUMBER SG-12

CLIENT Danco Communities
PROJECT NAME Additional Site Investigation
PROJECT NUMBER 487289
PROJECT LOCATION 1207 North Capitol Avenue, San Jose, CA
DATE STARTED 4/5/24 **COMPLETED** 4/5/24
GROUND ELEVATION _____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING --- N/A
LOGGED BY N. Woods **CHECKED BY** T. Weise
AT END OF DRILLING --- N/A
NOTES
AFTER DRILLING --- N/A

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0					0.3 Sandy Gravel (Fill)	Well box and surface completion
	SG-12-1				Silt with clay (ML), very dark grayish brown (10YR; 3/2), stiff, moist, fines, medium plasticity, no odor	
	SG-12-2					Neat cement grout
2.5	SG-12-3					1/4" OD teflon tubing
					4.0 Gravelly sand (SW), grayish brown (10YR; 5/2), dense, moist, fine sand to fine gravel, no odor	Dry bentonite
	SG-12-5					Filter
5.0						
7.5					8.3 Clayey silt (MH), dark grayish brown (10YR; 4/2), stiff, moist, fines, high plasticity, no odor	
						Neat cement grout
10.0						
						1/4" OD teflon tubing
12.5						
						Dry bentonite
15.0						Filter
					15.5	Coarse grained sand

Bottom of borehole at 15.5 feet.

AEI BORING - GINT STD US LAB.GDT - 5/7/24 09:25 - P:\COMPANYWIDE PROJECTS\487000 SERIES\487289 SAN JOSE, CA\SM\DELIVERABLES\2024-02 INVESTIGATION\BORING LOGS\487289 BORING LOGS.GPJ

APPENDIX D
Laboratory Analytical Reports

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

RE: Danco Communities

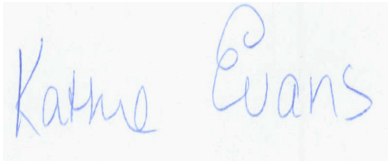
Work Order No.: 2404065 Rev: 1

Dear Nick Woods:

Torrent Laboratory, Inc. received 18 sample(s) on April 05, 2024 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

April 12, 2024
Date

Torrent LABORATORY, INC.

Date: 4/12/2024

Client: AEI Consultants

Project: Danco Communities

Work Order: 2404065

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.

Note: for 8260B/GCMS-GRO: Final result & MDL/PQL (Detection Limit/Reporting limit) have been corrected for actual mass removed from the Encore container.

Analytical Comment for method 8081, Note:The spikes in the MS/MSD for 4,4-DDT are not recoverable. The sample concentration is greater than 4X the spike concentration. No corrective action is required.

REVISIONS

Report revised to include data for sample SG-8-2.

Rev. 1 (4/26/2024)

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Nick Woods
AEI Consultants

Date Received: 04/05/24
Date Reported: 04/12/24

SB-1-W 2404065-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

SB-2-W 2404065-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

AEI SG-8-1' 2404065-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	1.30	12.1	mg/Kg
Barium	SW6010B	1	0.055	5.00	182	mg/Kg
Cadmium	SW6010B	1	0.10	0.750	1.14	mg/Kg
Chromium	SW6010B	1	0.075	5.00	40.4	mg/Kg
Lead	SW6010B	1	0.10	3.00	27.2	mg/Kg
4,4'-DDD	SW8081B	10	6.4	20	27.4	ug/Kg
4,4-DDT	SW8081B	10	7.4	20	392	ug/Kg
4,4'-DDE	SW8081B	30	18	60	1380	ug/Kg

AEI SG-8-2' 2404065-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

AEI SG-9-1' 2404065-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	1.30	6.80	mg/Kg
Barium	SW6010B	1	0.055	5.00	224	mg/Kg
Chromium	SW6010B	1	0.075	5.00	44.6	mg/Kg
Lead	SW6010B	1	0.10	3.00	8.00	mg/Kg
4,4'-DDE	SW8081B	1	0.61	2.0	6.50	ug/Kg

AEI SG-10-1' 2404065-009

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	1.30	7.45	mg/Kg
Barium	SW6010B	1	0.055	5.00	153	mg/Kg
Chromium	SW6010B	1	0.075	5.00	33.7	mg/Kg
Lead	SW6010B	1	0.10	3.00	42.9	mg/Kg
4,4'-DDE	SW8081B	10	6.1	20	328	ug/Kg
Dieldrin	SW8081B	10	2.5	20	24.4	ug/Kg
4,4-DDT	SW8081B	10	7.4	20	103	ug/Kg

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Nick Woods
AEI Consultants

Date Received: 04/05/24
Date Reported: 04/12/24

AEI SG-12-1' 2404065-015

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	1.30	9.90	mg/Kg
Barium	SW6010B	1	0.055	5.00	188	mg/Kg
Cadmium	SW6010B	1	0.10	0.750	1.26	mg/Kg
Chromium	SW6010B	1	0.075	5.00	41.9	mg/Kg
Lead	SW6010B	1	0.10	3.00	116	mg/Kg
4,4'-DDE	SW8081B	10	6.1	20	539	ug/Kg
4,4'-DDD	SW8081B	10	6.4	20	12.8	ug/Kg
4,4-DDT	SW8081B	10	7.4	20	214	ug/Kg

AEI SG-12-5' 2404065-018

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

AEI SG-7-1' 2404065-019

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	1.30	4.75	mg/Kg
Barium	SW6010B	1	0.055	5.00	134	mg/Kg
Chromium	SW6010B	1	0.075	5.00	27.8	mg/Kg
Lead	SW6010B	1	0.10	3.00	6.30	mg/Kg

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	SB-1-W	**Lab Sample ID:**	2404065-001A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Groundwater
Project Number:	487289		
Date/Time Sampled:	04/04/24 / 12:50		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	4/9/24 11:38:00AM
Prep Batch ID:	1159741	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1.17	0.31	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Chloromethane	SW8260B	1.17	0.20	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Vinyl Chloride	SW8260B	1.17	0.24	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Bromomethane	SW8260B	1.17	0.25	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Chloroethane	SW8260B	1.17	0.13	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Trichlorofluoromethane	SW8260B	1.17	0.22	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,1-Dichloroethene	SW8260B	1.17	0.17	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Freon 113	SW8260B	1.17	0.40	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Methylene Chloride	SW8260B	1.17	0.15	1.2	ND		ug/L	04/09/24	20:29	JZ	483049
trans-1,2-Dichloroethene	SW8260B	1.17	0.19	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
MTBE	SW8260B	1.17	0.090	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
tert-Butanol	SW8260B	1.17	3.4	5.9	ND		ug/L	04/09/24	20:29	JZ	483049
DIPE	SW8260B	1.17	0.14	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,1-Dichloroethane	SW8260B	1.17	0.14	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
ETBE	SW8260B	1.17	0.075	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
cis-1,2-Dichloroethene	SW8260B	1.17	0.18	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
2,2-Dichloropropane	SW8260B	1.17	0.11	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Bromochloromethane	SW8260B	1.17	0.17	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Chloroform	SW8260B	1.17	0.14	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Carbon Tetrachloride	SW8260B	1.17	0.18	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,1,1-Trichloroethane	SW8260B	1.17	0.19	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,1-Dichloropropene	SW8260B	1.17	0.22	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Benzene	SW8260B	1.17	0.076	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
TAME	SW8260B	1.17	0.084	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,2-Dichloroethane	SW8260B	1.17	0.13	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Trichloroethylene	SW8260B	1.17	0.17	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Dibromomethane	SW8260B	1.17	0.13	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,2-Dichloropropane	SW8260B	1.17	0.10	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Bromodichloromethane	SW8260B	1.17	0.089	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
cis-1,3-Dichloropropene	SW8260B	1.17	0.091	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Toluene	SW8260B	1.17	0.17	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Tetrachloroethylene	SW8260B	1.17	0.28	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
trans-1,3-Dichloropropene	SW8260B	1.17	0.25	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,1,2-Trichloroethane	SW8260B	1.17	0.089	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Dibromochloromethane	SW8260B	1.17	0.21	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,3-Dichloropropane	SW8260B	1.17	0.25	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,2-Dibromoethane	SW8260B	1.17	0.092	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Chlorobenzene	SW8260B	1.17	0.19	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Ethylbenzene	SW8260B	1.17	0.23	0.59	ND		ug/L	04/09/24	20:29	JZ	483049

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	SB-1-W	**Lab Sample ID:**	2404065-001A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Groundwater
Project Number:	487289		
Date/Time Sampled:	04/04/24 / 12:50		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	4/9/24 11:38:00AM
Prep Batch ID:	1159741	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1.17	0.10	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
m,p-Xylene	SW8260B	1.17	0.46	1.2	ND		ug/L	04/09/24	20:29	JZ	483049
o-Xylene	SW8260B	1.17	0.18	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Styrene	SW8260B	1.17	0.13	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Bromoform	SW8260B	1.17	0.089	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Isopropyl Benzene	SW8260B	1.17	0.25	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
n-Propylbenzene	SW8260B	1.17	0.35	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
Bromobenzene	SW8260B	1.17	0.17	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,1,2,2-Tetrachloroethane	SW8260B	1.17	0.092	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
2-Chlorotoluene	SW8260B	1.17	0.29	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,3,5-Trimethylbenzene	SW8260B	1.17	0.28	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,2,3-Trichloropropane	SW8260B	1.17	0.17	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
4-Chlorotoluene	SW8260B	1.17	0.25	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
tert-Butylbenzene	SW8260B	1.17	0.31	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,2,4-Trimethylbenzene	SW8260B	1.17	0.27	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
sec-Butyl Benzene	SW8260B	1.17	0.35	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
p-Isopropyltoluene	SW8260B	1.17	0.31	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,3-Dichlorobenzene	SW8260B	1.17	0.20	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,4-Dichlorobenzene	SW8260B	1.17	0.20	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
n-Butylbenzene	SW8260B	1.17	0.32	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,2-Dichlorobenzene	SW8260B	1.17	0.19	0.59	ND		ug/L	04/09/24	20:29	JZ	483049
1,2-Dibromo-3-Chloropropane	SW8260B	1.17	0.89	2.3	ND		ug/L	04/09/24	20:29	JZ	483049
Hexachlorobutadiene	SW8260B	1.17	0.72	2.3	ND		ug/L	04/09/24	20:29	JZ	483049
1,2,4-Trichlorobenzene	SW8260B	1.17	1.1	2.3	ND		ug/L	04/09/24	20:29	JZ	483049
Naphthalene	SW8260B	1.17	1.4	2.3	ND		ug/L	04/09/24	20:29	JZ	483049
1,2,3-Trichlorobenzene	SW8260B	1.17	1.4	2.3	ND		ug/L	04/09/24	20:29	JZ	483049
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**101**		%	04/09/24	20:29	JZ	483049
(S) Toluene-d8	SW8260B		75.1 - 127		**96.1**		%	04/09/24	20:29	JZ	483049
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**98.7**		%	04/09/24	20:29	JZ	483049

NOTE: Reporting limits were raised due to sediment in all VOAs.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	SB-2-W	**Lab Sample ID:**	2404065-002A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Groundwater
Project Number:	487289		
Date/Time Sampled:	04/04/24 / 13:00		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	4/9/24 11:38:00AM
Prep Batch ID:	1159741	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	04/09/24	20:59	JZ	483049
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	04/09/24	20:59	JZ	483049
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
TAME	SW8260B	1	0.072	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Tetrachloroethylene	SW8260B	1	0.24	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	04/09/24	20:59	JZ	483049

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	SB-2-W	**Lab Sample ID:**	2404065-002A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Groundwater
Project Number:	487289		
Date/Time Sampled:	04/04/24 / 13:00		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	4/9/24 11:38:00AM
Prep Batch ID:	1159741	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	04/09/24	20:59	JZ	483049
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	04/09/24	20:59	JZ	483049
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	04/09/24	20:59	JZ	483049
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	04/09/24	20:59	JZ	483049
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	04/09/24	20:59	JZ	483049
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	04/09/24	20:59	JZ	483049
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	04/09/24	20:59	JZ	483049
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**111**		%	04/09/24	20:59	JZ	483049
(S) Toluene-d8	SW8260B		75.1 - 127		**96.6**		%	04/09/24	20:59	JZ	483049
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**97.5**		%	04/09/24	20:59	JZ	483049

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-8-1'	**Lab Sample ID:**	2404065-003A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/04/24 / 10:30		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	4/9/24	7:30:00PM
Prep Batch ID:	1159727	**Prep Analyst:**	TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/10/24	12:39	BJAY	483095

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-8-1'	**Lab Sample ID:**	2404065-003A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/04/24 / 10:30		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	4/9/24 7:10:00PM
Prep Batch ID:	1159726	**Prep Analyst:**	TNGO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.15	1.30	**12.1**		mg/Kg	04/10/24	12:36	GS	483069
Barium	SW6010B	1	0.055	5.00	**182**		mg/Kg	04/10/24	12:36	GS	483069
Cadmium	SW6010B	1	0.10	0.750	**1.14**		mg/Kg	04/10/24	12:36	GS	483069
Chromium	SW6010B	1	0.075	5.00	**40.4**		mg/Kg	04/10/24	12:36	GS	483069
Lead	SW6010B	1	0.10	3.00	**27.2**		mg/Kg	04/10/24	12:36	GS	483069
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	04/10/24	12:36	GS	483069
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	04/10/24	12:36	GS	483069

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-8-1'	**Lab Sample ID:**	2404065-003A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/04/24 / 10:30		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	4/6/24 10:28:00AM
Prep Batch ID:	1159640	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	10	2.5	20	ND		ug/Kg	04/09/24	18:11	LA	483035
gamma-BHC (Lindane)	SW8081B	10	7.1	20	ND		ug/Kg	04/09/24	18:11	LA	483035
beta-BHC	SW8081B	10	4.4	20	ND		ug/Kg	04/09/24	18:11	LA	483035
delta-BHC	SW8081B	10	6.5	20	ND		ug/Kg	04/09/24	18:11	LA	483035
Heptachlor	SW8081B	10	2.7	20	ND		ug/Kg	04/09/24	18:11	LA	483035
Aldrin	SW8081B	10	2.9	20	ND		ug/Kg	04/09/24	18:11	LA	483035
Heptachlor Epoxide	SW8081B	10	3.1	20	ND		ug/Kg	04/09/24	18:11	LA	483035
gamma-Chlordane	SW8081B	10	15	30	ND		ug/Kg	04/09/24	18:11	LA	483035
alpha-Chlordane	SW8081B	10	3.6	20	ND		ug/Kg	04/09/24	18:11	LA	483035
Endosulfan I	SW8081B	10	2.9	20	ND		ug/Kg	04/09/24	18:11	LA	483035
Dieldrin	SW8081B	10	2.5	20	ND		ug/Kg	04/09/24	18:11	LA	483035
Endrin	SW8081B	10	7.9	20	ND		ug/Kg	04/09/24	18:11	LA	483035
4,4'-DDD	SW8081B	10	6.4	20	**27.4**		ug/Kg	04/09/24	18:11	LA	483035
Endosulfan II	SW8081B	10	3.4	20	ND		ug/Kg	04/09/24	18:11	LA	483035
4,4-DDT	SW8081B	10	7.4	20	**392**		ug/Kg	04/09/24	18:11	LA	483035
Endrin Aldehyde	SW8081B	10	5.1	20	ND		ug/Kg	04/09/24	18:11	LA	483035
Methoxychlor	SW8081B	10	26	60	ND		ug/Kg	04/09/24	18:11	LA	483035
Endosulfan Sulfate	SW8081B	10	5.1	20	ND		ug/Kg	04/09/24	18:11	LA	483035
Endrin Ketone	SW8081B	10	4.3	20	ND		ug/Kg	04/09/24	18:11	LA	483035
Chlordane, Technical	SW8081B	10	27	200	ND		ug/Kg	04/09/24	18:11	LA	483035
Toxaphene	SW8081B	10	220	500	ND		ug/Kg	04/09/24	18:11	LA	483035
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**89.6**		%	04/09/24	18:11	LA	483035
Decachlorobiphenyl (S)	SW8081B		38 - 135		**84.7**		%	04/09/24	18:11	LA	483035

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-8-1'	**Lab Sample ID:**	2404065-003A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/04/24 / 10:30		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	4/6/24	10:28:00AM
Prep Batch ID:	1159640	**Prep Analyst:**	NDUM	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
4,4'-DDE	SW8081B	30	18	60	**1380**		ug/Kg	04/10/24	16:40	LA	483035

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-8-2'	**Lab Sample ID:**	2404065-004A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/04/24 / 10:32		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	4/25/24 6:10:00PM
Prep Batch ID:	1160207	**Prep Analyst:**	GSHMA

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.15	1.3	ND		mg/Kg	04/26/24	11:46	GS	483497

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-8-2'	**Lab Sample ID:**	2404065-004A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/04/24 / 10:32		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	4/24/24 5:21:00PM
Prep Batch ID:	1160139	**Prep Analyst:**	SSUTRA

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.25	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
gamma-BHC (Lindane)	SW8081B	1	0.71	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
beta-BHC	SW8081B	1	0.44	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
delta-BHC	SW8081B	1	0.65	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
Heptachlor	SW8081B	1	0.27	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
Aldrin	SW8081B	1	0.29	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
Heptachlor Epoxide	SW8081B	1	0.31	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
gamma-Chlordane	SW8081B	1	1.5	3.0	ND		ug/Kg	04/25/24	14:37	LA	483482
alpha-Chlordane	SW8081B	1	0.36	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
4,4'-DDE	SW8081B	1	0.61	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
Endosulfan I	SW8081B	1	0.29	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
Dieldrin	SW8081B	1	0.25	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
Endrin	SW8081B	1	0.79	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
4,4'-DDD	SW8081B	1	0.64	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
Endosulfan II	SW8081B	1	0.34	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
4,4-DDT	SW8081B	1	0.74	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
Endrin Aldehyde	SW8081B	1	0.51	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
Methoxychlor	SW8081B	1	2.6	6.0	ND		ug/Kg	04/25/24	14:37	LA	483482
Endosulfan Sulfate	SW8081B	1	0.51	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
Endrin Ketone	SW8081B	1	0.43	2.0	ND		ug/Kg	04/25/24	14:37	LA	483482
Chlordane, Technical	SW8081B	1	2.7	20	ND		ug/Kg	04/25/24	14:37	LA	483482
Toxaphene	SW8081B	1	22	50	ND		ug/Kg	04/25/24	14:37	LA	483482
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**59.7**		%	04/25/24	14:37	LA	483482
Decachlorobiphenyl (S)	SW8081B		38 - 135		**66.7**		%	04/25/24	14:37	LA	483482

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-9-1'	**Lab Sample ID:**	2404065-006A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 9:39		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	4/9/24	7:30:00PM
Prep Batch ID:	1159727	**Prep Analyst:**	TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/10/24	12:41	BJAY	483095

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-9-1'	**Lab Sample ID:**	2404065-006A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 9:39		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	4/9/24	7:10:00PM
Prep Batch ID:	1159726	**Prep Analyst:**	TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.15	1.30	**6.80**		mg/Kg	04/10/24	12:38	GS	483069
Barium	SW6010B	1	0.055	5.00	**224**		mg/Kg	04/10/24	12:38	GS	483069
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	04/10/24	12:38	GS	483069
Chromium	SW6010B	1	0.075	5.00	**44.6**		mg/Kg	04/10/24	12:38	GS	483069
Lead	SW6010B	1	0.10	3.00	**8.00**		mg/Kg	04/10/24	12:38	GS	483069
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	04/10/24	12:38	GS	483069
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	04/10/24	12:38	GS	483069

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-9-1'	**Lab Sample ID:**	2404065-006A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 9:39		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	4/6/24 10:28:00AM
Prep Batch ID:	1159640	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.25	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
gamma-BHC (Lindane)	SW8081B	1	0.71	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
beta-BHC	SW8081B	1	0.44	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
delta-BHC	SW8081B	1	0.65	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
Heptachlor	SW8081B	1	0.27	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
Aldrin	SW8081B	1	0.29	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
Heptachlor Epoxide	SW8081B	1	0.31	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
gamma-Chlordane	SW8081B	1	1.5	3.0	ND		ug/Kg	04/09/24	18:27	LA	483035
alpha-Chlordane	SW8081B	1	0.36	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
4,4'-DDE	SW8081B	1	0.61	2.0	**6.50**		ug/Kg	04/09/24	18:27	LA	483035
Endosulfan I	SW8081B	1	0.29	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
Dieldrin	SW8081B	1	0.25	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
Endrin	SW8081B	1	0.79	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
4,4'-DDD	SW8081B	1	0.64	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
Endosulfan II	SW8081B	1	0.34	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
4,4-DDT	SW8081B	1	0.74	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
Endrin Aldehyde	SW8081B	1	0.51	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
Methoxychlor	SW8081B	1	2.6	6.0	ND		ug/Kg	04/09/24	18:27	LA	483035
Endosulfan Sulfate	SW8081B	1	0.51	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
Endrin Ketone	SW8081B	1	0.43	2.0	ND		ug/Kg	04/09/24	18:27	LA	483035
Chlordane, Technical	SW8081B	1	2.7	20	ND		ug/Kg	04/09/24	18:27	LA	483035
Toxaphene	SW8081B	1	22	50	ND		ug/Kg	04/09/24	18:27	LA	483035
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**72.7**		%	04/09/24	18:27	LA	483035
Decachlorobiphenyl (S)	SW8081B		38 - 135		**71.6**		%	04/09/24	18:27	LA	483035

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-10-1'	**Lab Sample ID:**	2404065-009A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 11:34		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	4/9/24	7:30:00PM
Prep Batch ID:	1159727	**Prep Analyst:**	TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/10/24	12:43	BJAY	483095

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-10-1'	**Lab Sample ID:**	2404065-009A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 11:34		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	4/9/24 7:10:00PM
Prep Batch ID:	1159726	**Prep Analyst:**	TNGO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.15	1.30	**7.45**		mg/Kg	04/10/24	12:39	GS	483069
Barium	SW6010B	1	0.055	5.00	**153**		mg/Kg	04/10/24	12:39	GS	483069
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	04/10/24	12:39	GS	483069
Chromium	SW6010B	1	0.075	5.00	**33.7**		mg/Kg	04/10/24	12:39	GS	483069
Lead	SW6010B	1	0.10	3.00	**42.9**		mg/Kg	04/10/24	12:39	GS	483069
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	04/10/24	12:39	GS	483069
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	04/10/24	12:39	GS	483069

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-10-1'	**Lab Sample ID:**	2404065-009A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 11:34		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	4/6/24 10:28:00AM
Prep Batch ID:	1159640	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	10	2.5	20	ND		ug/Kg	04/09/24	18:42	LA	483035
gamma-BHC (Lindane)	SW8081B	10	7.1	20	ND		ug/Kg	04/09/24	18:42	LA	483035
beta-BHC	SW8081B	10	4.4	20	ND		ug/Kg	04/09/24	18:42	LA	483035
delta-BHC	SW8081B	10	6.5	20	ND		ug/Kg	04/09/24	18:42	LA	483035
Heptachlor	SW8081B	10	2.7	20	ND		ug/Kg	04/09/24	18:42	LA	483035
Aldrin	SW8081B	10	2.9	20	ND		ug/Kg	04/09/24	18:42	LA	483035
Heptachlor Epoxide	SW8081B	10	3.1	20	ND		ug/Kg	04/09/24	18:42	LA	483035
gamma-Chlordane	SW8081B	10	15	30	ND		ug/Kg	04/09/24	18:42	LA	483035
alpha-Chlordane	SW8081B	10	3.6	20	ND		ug/Kg	04/09/24	18:42	LA	483035
4,4'-DDE	SW8081B	10	6.1	20	**328**		ug/Kg	04/09/24	18:42	LA	483035
Endosulfan I	SW8081B	10	2.9	20	ND		ug/Kg	04/09/24	18:42	LA	483035
Dieldrin	SW8081B	10	2.5	20	**24.4**		ug/Kg	04/09/24	18:42	LA	483035
Endrin	SW8081B	10	7.9	20	ND		ug/Kg	04/09/24	18:42	LA	483035
4,4'-DDD	SW8081B	10	6.4	20	ND		ug/Kg	04/09/24	18:42	LA	483035
Endosulfan II	SW8081B	10	3.4	20	ND		ug/Kg	04/09/24	18:42	LA	483035
4,4-DDT	SW8081B	10	7.4	20	**103**		ug/Kg	04/09/24	18:42	LA	483035
Endrin Aldehyde	SW8081B	10	5.1	20	ND		ug/Kg	04/09/24	18:42	LA	483035
Methoxychlor	SW8081B	10	26	60	ND		ug/Kg	04/09/24	18:42	LA	483035
Endosulfan Sulfate	SW8081B	10	5.1	20	ND		ug/Kg	04/09/24	18:42	LA	483035
Endrin Ketone	SW8081B	10	4.3	20	ND		ug/Kg	04/09/24	18:42	LA	483035
Chlordane, Technical	SW8081B	10	27	200	ND		ug/Kg	04/09/24	18:42	LA	483035
Toxaphene	SW8081B	10	220	500	ND		ug/Kg	04/09/24	18:42	LA	483035
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**79.1**		%	04/09/24	18:42	LA	483035
Decachlorobiphenyl (S)	SW8081B		38 - 135		**82.3**		%	04/09/24	18:42	LA	483035

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-12-1'	**Lab Sample ID:**	2404065-015A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 8:10		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	4/9/24	7:30:00PM
Prep Batch ID:	1159727	**Prep Analyst:**	TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/10/24	12:45	BJAY	483095

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-12-1'	**Lab Sample ID:**	2404065-015A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 8:10		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	4/9/24 7:10:00PM
Prep Batch ID:	1159726	**Prep Analyst:**	TNGO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.15	1.30	**9.90**		mg/Kg	04/10/24	12:41	GS	483069
Barium	SW6010B	1	0.055	5.00	**188**		mg/Kg	04/10/24	12:41	GS	483069
Cadmium	SW6010B	1	0.10	0.750	**1.26**		mg/Kg	04/10/24	12:41	GS	483069
Chromium	SW6010B	1	0.075	5.00	**41.9**		mg/Kg	04/10/24	12:41	GS	483069
Lead	SW6010B	1	0.10	3.00	**116**		mg/Kg	04/10/24	12:41	GS	483069
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	04/10/24	12:41	GS	483069
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	04/10/24	12:41	GS	483069

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-12-1'	**Lab Sample ID:**	2404065-015A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 8:10		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	4/6/24 10:28:00AM
Prep Batch ID:	1159640	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
alpha-BHC	SW8081B	10	2.5	20	ND		ug/Kg	04/09/24	18:57	LA	483035
gamma-BHC (Lindane)	SW8081B	10	7.1	20	ND		ug/Kg	04/09/24	18:57	LA	483035
beta-BHC	SW8081B	10	4.4	20	ND		ug/Kg	04/09/24	18:57	LA	483035
delta-BHC	SW8081B	10	6.5	20	ND		ug/Kg	04/09/24	18:57	LA	483035
Heptachlor	SW8081B	10	2.7	20	ND		ug/Kg	04/09/24	18:57	LA	483035
Aldrin	SW8081B	10	2.9	20	ND		ug/Kg	04/09/24	18:57	LA	483035
Heptachlor Epoxide	SW8081B	10	3.1	20	ND		ug/Kg	04/09/24	18:57	LA	483035
gamma-Chlordane	SW8081B	10	15	30	ND		ug/Kg	04/09/24	18:57	LA	483035
alpha-Chlordane	SW8081B	10	3.6	20	ND		ug/Kg	04/09/24	18:57	LA	483035
4,4'-DDE	SW8081B	10	6.1	20	**539**		ug/Kg	04/09/24	18:57	LA	483035
Endosulfan I	SW8081B	10	2.9	20	ND		ug/Kg	04/09/24	18:57	LA	483035
Dieldrin	SW8081B	10	2.5	20	ND		ug/Kg	04/09/24	18:57	LA	483035
Endrin	SW8081B	10	7.9	20	ND		ug/Kg	04/09/24	18:57	LA	483035
4,4'-DDD	SW8081B	10	6.4	20	**12.8**	J	ug/Kg	04/09/24	18:57	LA	483035
Endosulfan II	SW8081B	10	3.4	20	ND		ug/Kg	04/09/24	18:57	LA	483035
4,4-DDT	SW8081B	10	7.4	20	**214**		ug/Kg	04/09/24	18:57	LA	483035
Endrin Aldehyde	SW8081B	10	5.1	20	ND		ug/Kg	04/09/24	18:57	LA	483035
Methoxychlor	SW8081B	10	26	60	ND		ug/Kg	04/09/24	18:57	LA	483035
Endosulfan Sulfate	SW8081B	10	5.1	20	ND		ug/Kg	04/09/24	18:57	LA	483035
Endrin Ketone	SW8081B	10	4.3	20	ND		ug/Kg	04/09/24	18:57	LA	483035
Chlordane, Technical	SW8081B	10	27	200	ND		ug/Kg	04/09/24	18:57	LA	483035
Toxaphene	SW8081B	10	220	500	ND		ug/Kg	04/09/24	18:57	LA	483035
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**85.4**		%	04/09/24	18:57	LA	483035
Decachlorobiphenyl (S)	SW8081B		38 - 135		**88.7**		%	04/09/24	18:57	LA	483035

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-12-1'	**Lab Sample ID:**	2404065-015B
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 8:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	4/5/24 10:57:00AM
Prep Batch ID:	1159653	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.1	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Chloromethane	SW8260B	1	1.6	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Vinyl Chloride	SW8260B	1	1.8	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Bromomethane	SW8260B	1	2.3	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Chloroethane	SW8260B	1	2.6	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Trichlorofluoromethane	SW8260B	1	1.8	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,1-Dichloroethene	SW8260B	1	1.8	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Freon 113	SW8260B	1	1.6	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Methylene Chloride	SW8260B	1	6.2	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
trans-1,2-Dichloroethene	SW8260B	1	1.8	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
MTBE	SW8260B	1	2.0	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
TBA	SW8260B	1	10	43.5	ND		ug/Kg	04/05/24	17:46	HV	482968
Diisopropyl ether	SW8260B	1	2.0	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,1-Dichloroethane	SW8260B	1	1.9	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Ethyl tert-Butyl ether	SW8260B	1	2.0	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
cis-1,2-Dichloroethene	SW8260B	1	1.9	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
2,2-Dichloropropane	SW8260B	1	1.7	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Bromochloromethane	SW8260B	1	2.0	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Chloroform	SW8260B	1	2.1	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Carbon Tetrachloride	SW8260B	1	1.8	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,1,1-Trichloroethane	SW8260B	1	1.8	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,1-Dichloropropene	SW8260B	1	1.7	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Benzene	SW8260B	1	1.9	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
TAME	SW8260B	1	2.0	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,2-Dichloroethane	SW8260B	1	2.0	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Trichloroethene	SW8260B	1	1.6	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Dibromomethane	SW8260B	1	1.6	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,2-Dichloropropane	SW8260B	1	1.6	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Bromodichloromethane	SW8260B	1	1.7	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
cis-1,3-Dichloropropene	SW8260B	1	1.4	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Toluene	SW8260B	1	1.6	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Tetrachloroethylene	SW8260B	1	1.4	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
trans-1,3-Dichloropropene	SW8260B	1	1.4	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,1,2-Trichloroethane	SW8260B	1	1.6	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Dibromochloromethane	SW8260B	1	1.6	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,3-Dichloropropane	SW8260B	1	1.6	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,2-Dibromoethane	SW8260B	1	1.6	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Chlorobenzene	SW8260B	1	1.6	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Ethylbenzene	SW8260B	1	1.4	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-12-1'	**Lab Sample ID:**	2404065-015B
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 8:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	4/5/24 10:57:00AM
Prep Batch ID:	1159653	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	1.7	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
m,p-Xylene	SW8260B	1	2.7	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
o-Xylene	SW8260B	1	1.5	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Styrene	SW8260B	1	1.4	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Bromoform	SW8260B	1	1.5	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Isopropyl Benzene	SW8260B	1	1.4	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
n-Propylbenzene	SW8260B	1	1.4	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Bromobenzene	SW8260B	1	1.5	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,1,2,2-Tetrachloroethane	SW8260B	1	1.7	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
2-Chlorotoluene	SW8260B	1	1.5	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,3,5-Trimethylbenzene	SW8260B	1	1.4	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,2,3-Trichloropropane	SW8260B	1	1.7	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
4-Chlorotoluene	SW8260B	1	1.4	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
tert-Butylbenzene	SW8260B	1	1.4	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,2,4-Trimethylbenzene	SW8260B	1	1.2	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
sec-Butyl Benzene	SW8260B	1	1.4	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
p-Isopropyltoluene	SW8260B	1	1.3	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,3-Dichlorobenzene	SW8260B	1	1.4	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,4-Dichlorobenzene	SW8260B	1	1.5	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
n-Butylbenzene	SW8260B	1	1.3	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,2-Dichlorobenzene	SW8260B	1	1.5	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.6	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Hexachlorobutadiene	SW8260B	1	1.2	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,2,4-Trichlorobenzene	SW8260B	1	1.3	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
Naphthalene	SW8260B	1	1.5	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
1,2,3-Trichlorobenzene	SW8260B	1	1.5	8.7	ND		ug/Kg	04/05/24	17:46	HV	482968
2-Butanone	SW8260B	1	2.0	8.70	ND		ug/Kg	04/05/24	17:46	HV	482968
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**66.2**		%	04/05/24	17:46	HV	482968
(S) Toluene-d8	SW8260B		55.2 - 133		**93.0**		%	04/05/24	17:46	HV	482968
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**84.9**		%	04/05/24	17:46	HV	482968

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-12-5'	**Lab Sample ID:**	2404065-018B
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 8:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	4/5/24 10:57:00AM
Prep Batch ID:	1159653	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.1	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Chloromethane	SW8260B	1	1.7	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Vinyl Chloride	SW8260B	1	1.9	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Bromomethane	SW8260B	1	2.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Chloroethane	SW8260B	1	2.8	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Trichlorofluoromethane	SW8260B	1	1.9	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,1-Dichloroethene	SW8260B	1	1.9	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Freon 113	SW8260B	1	1.7	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Methylene Chloride	SW8260B	1	6.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
trans-1,2-Dichloroethene	SW8260B	1	1.9	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
MTBE	SW8260B	1	2.1	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
TBA	SW8260B	1	11	45.7	ND		ug/Kg	04/05/24	18:15	HV	482968
Diisopropyl ether	SW8260B	1	2.1	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,1-Dichloroethane	SW8260B	1	2.0	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Ethyl tert-Butyl ether	SW8260B	1	2.1	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
cis-1,2-Dichloroethene	SW8260B	1	2.0	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
2,2-Dichloropropane	SW8260B	1	1.8	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Bromochloromethane	SW8260B	1	2.1	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Chloroform	SW8260B	1	2.2	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Carbon Tetrachloride	SW8260B	1	1.9	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,1,1-Trichloroethane	SW8260B	1	1.9	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,1-Dichloropropene	SW8260B	1	1.8	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Benzene	SW8260B	1	2.0	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
TAME	SW8260B	1	2.1	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,2-Dichloroethane	SW8260B	1	2.1	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Trichloroethene	SW8260B	1	1.6	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Dibromomethane	SW8260B	1	1.7	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,2-Dichloropropane	SW8260B	1	1.7	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Bromodichloromethane	SW8260B	1	1.8	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
cis-1,3-Dichloropropene	SW8260B	1	1.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Toluene	SW8260B	1	1.7	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Tetrachloroethylene	SW8260B	1	1.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
trans-1,3-Dichloropropene	SW8260B	1	1.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,1,2-Trichloroethane	SW8260B	1	1.7	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Dibromochloromethane	SW8260B	1	1.7	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,3-Dichloropropane	SW8260B	1	1.7	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,2-Dibromoethane	SW8260B	1	1.7	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Chlorobenzene	SW8260B	1	1.7	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Ethylbenzene	SW8260B	1	1.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-12-5'	**Lab Sample ID:**	2404065-018B
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 8:30		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	4/5/24 10:57:00AM
Prep Batch ID:	1159653	**Prep Analyst:**	HVYAS

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	1.8	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
m,p-Xylene	SW8260B	1	2.9	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
o-Xylene	SW8260B	1	1.6	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Styrene	SW8260B	1	1.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Bromoform	SW8260B	1	1.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Isopropyl Benzene	SW8260B	1	1.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
n-Propylbenzene	SW8260B	1	1.4	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Bromobenzene	SW8260B	1	1.6	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,1,2,2-Tetrachloroethane	SW8260B	1	1.8	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
2-Chlorotoluene	SW8260B	1	1.6	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,3,5-Trimethylbenzene	SW8260B	1	1.4	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,2,3-Trichloropropane	SW8260B	1	1.7	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
4-Chlorotoluene	SW8260B	1	1.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
tert-Butylbenzene	SW8260B	1	1.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,2,4-Trimethylbenzene	SW8260B	1	1.2	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
sec-Butyl Benzene	SW8260B	1	1.4	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
p-Isopropyltoluene	SW8260B	1	1.3	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,3-Dichlorobenzene	SW8260B	1	1.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,4-Dichlorobenzene	SW8260B	1	1.6	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
n-Butylbenzene	SW8260B	1	1.3	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,2-Dichlorobenzene	SW8260B	1	1.6	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.7	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Hexachlorobutadiene	SW8260B	1	1.3	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,2,4-Trichlorobenzene	SW8260B	1	1.3	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
Naphthalene	SW8260B	1	1.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
1,2,3-Trichlorobenzene	SW8260B	1	1.5	9.1	ND		ug/Kg	04/05/24	18:15	HV	482968
2-Butanone	SW8260B	1	2.1	9.14	ND		ug/Kg	04/05/24	18:15	HV	482968
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**63.8**		%	04/05/24	18:15	HV	482968
(S) Toluene-d8	SW8260B		55.2 - 133		**91.3**		%	04/05/24	18:15	HV	482968
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**83.8**		%	04/05/24	18:15	HV	482968

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-7-1'	**Lab Sample ID:**	2404065-019A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 8:53		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	4/9/24	7:30:00PM
Prep Batch ID:	1159727	**Prep Analyst:**	TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	04/10/24	12:47	BJAY	483095

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-7-1'	**Lab Sample ID:**	2404065-019A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 8:53		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	4/9/24	7:10:00PM
Prep Batch ID:	1159726	**Prep Analyst:**	TNGO	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Arsenic	SW6010B	1	0.15	1.30	**4.75**		mg/Kg	04/10/24	12:43	GS	483069
Barium	SW6010B	1	0.055	5.00	**134**		mg/Kg	04/10/24	12:43	GS	483069
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	04/10/24	12:43	GS	483069
Chromium	SW6010B	1	0.075	5.00	**27.8**		mg/Kg	04/10/24	12:43	GS	483069
Lead	SW6010B	1	0.10	3.00	**6.30**		mg/Kg	04/10/24	12:43	GS	483069
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	04/10/24	12:43	GS	483069
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	04/10/24	12:43	GS	483069

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/05/24, 11:25 am
Date Reported: 04/12/24

Client Sample ID:	AEI SG-7-1'	**Lab Sample ID:**	2404065-019A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Soil
Project Number:	487289		
Date/Time Sampled:	04/05/24 / 8:53		
SDG:			

Prep Method:	3546_OCP	**Prep Batch Date/Time:**	4/6/24 10:28:00AM
Prep Batch ID:	1159640	**Prep Analyst:**	NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.25	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
gamma-BHC (Lindane)	SW8081B	1	0.71	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
beta-BHC	SW8081B	1	0.44	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
delta-BHC	SW8081B	1	0.65	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
Heptachlor	SW8081B	1	0.27	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
Aldrin	SW8081B	1	0.29	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
Heptachlor Epoxide	SW8081B	1	0.31	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
gamma-Chlordane	SW8081B	1	1.5	3.0	ND		ug/Kg	04/09/24	19:13	LA	483035
alpha-Chlordane	SW8081B	1	0.36	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
4,4'-DDE	SW8081B	1	0.61	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
Endosulfan I	SW8081B	1	0.29	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
Dieldrin	SW8081B	1	0.25	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
Endrin	SW8081B	1	0.79	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
4,4'-DDD	SW8081B	1	0.64	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
Endosulfan II	SW8081B	1	0.34	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
4,4-DDT	SW8081B	1	0.74	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
Endrin Aldehyde	SW8081B	1	0.51	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
Methoxychlor	SW8081B	1	2.6	6.0	ND		ug/Kg	04/09/24	19:13	LA	483035
Endosulfan Sulfate	SW8081B	1	0.51	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
Endrin Ketone	SW8081B	1	0.43	2.0	ND		ug/Kg	04/09/24	19:13	LA	483035
Chlordane, Technical	SW8081B	1	2.7	20	ND		ug/Kg	04/09/24	19:13	LA	483035
Toxaphene	SW8081B	1	22	50	ND		ug/Kg	04/09/24	19:13	LA	483035
			Acceptance Limits								
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		**73.5**		%	04/09/24	19:13	LA	483035
Decachlorobiphenyl (S)	SW8081B		38 - 135		**69.1**		%	04/09/24	19:13	LA	483035

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404065	**Prep Method:**	3546_OCP	**Prep Date:**	04/06/24	**Prep Batch:**	1159640
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	4/9/2024	**Analytical Batch:**	483035
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.25	2.0	ND	
gamma-BHC (Lindane)	0.71	2.0	ND	
beta-BHC	0.44	2.0	ND	
delta-BHC	0.65	2.0	ND	
Heptachlor	0.27	2.0	ND	
Aldrin	0.29	2.0	ND	
Heptachlor Epoxide	0.31	2.0	ND	
gamma-Chlordane	1.5	3.0	ND	
alpha-Chlordane	0.36	2.0	ND	
4,4'-DDE	0.61	2.0	ND	
Endosulfan I	0.29	2.0	ND	
Dieldrin	0.25	2.0	ND	
Endrin	0.79	2.0	ND	
4,4'-DDD	0.64	2.0	ND	
Endosulfan II	0.34	2.0	ND	
4,4-DDT	0.74	2.0	ND	
Endrin Aldehyde	0.51	2.0	ND	
Methoxychlor	2.6	6.0	ND	
Endosulfan Sulfate	0.51	2.0	ND	
Endrin Ketone	0.43	2.0	ND	
Chlordane, Technical	2.7	20	ND	
Toxaphene	22	50	ND	
Tetrachloro-M-Xylene (S)			90.8	
Decachlorobiphenyl (S)			88.2	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404065	**Prep Method:**	3546_OCP	**Prep Date:**	04/06/24	**Prep Batch:**	1159640
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	4/9/2024	**Analytical Batch:**	483035
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.25	2.0	ND	
gamma-BHC (Lindane)	0.71	2.0	ND	
beta-BHC	0.44	2.0	ND	
delta-BHC	0.65	2.0	ND	
Heptachlor	0.27	2.0	ND	
Aldrin	0.29	2.0	ND	
Heptachlor Epoxide	0.31	2.0	ND	
gamma-Chlordane	1.5	3.0	ND	
alpha-Chlordane	0.36	2.0	ND	
4,4'-DDE	0.61	2.0	ND	
Endosulfan I	0.29	2.0	ND	
Dieldrin	0.25	2.0	ND	
Endrin	0.79	2.0	ND	
4,4'-DDD	0.64	2.0	ND	
Endosulfan II	0.34	2.0	ND	
4,4-DDT	0.74	2.0	ND	
Endrin Aldehyde	0.51	2.0	ND	
Methoxychlor	2.6	6.0	ND	
Endosulfan Sulfate	0.51	2.0	ND	
Endrin Ketone	0.43	2.0	ND	
Hexachlorobenzene	0.51	2.0	ND	
Chlordane, Technical	2.7	20	ND	
Toxaphene	22	50	ND	
Tetrachloro-M-Xylene (S)			90.8	
Decachlorobiphenyl (S)			88.2	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404065	**Prep Method:**	5035	**Prep Date:**	04/05/24	**Prep Batch:**	1159653
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/5/2024	**Analytical Batch:**	482968
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	
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	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404065	**Prep Method:**	5035	**Prep Date:**	04/05/24	**Prep Batch:**	1159653
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/5/2024	**Analytical Batch:**	482968
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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		
2-Butanone	2.3	10	ND		
MIBK	2.0	20	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			86.0		
(S) Toluene-d8			101		
(S) 4-Bromofluorobenzene			85.6		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404065	**Prep Method:**	3050B	**Prep Date:**	04/09/24	**Prep Batch:**	1159726
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	4/10/2024	**Analytical Batch:**	483069
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	0.12	J
Arsenic	0.15	1.30	ND	
Barium	0.055	5.00	0.060	J
Beryllium	0.055	5.00	ND	
Cadmium	0.10	0.750	ND	
Chromium	0.075	5.00	ND	
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	ND	
Lead	0.10	3.00	0.13	J
Molybdenum	0.050	5.00	ND	
Nickel	0.50	5.00	ND	
Selenium	0.35	1.10	ND	
Silver	0.15	0.500	ND	
Thallium	0.55	5.00	ND	
Vanadium	0.10	5.00	ND	
Zinc	0.30	5.00	ND	

Work Order:	2404065	**Prep Method:**	7471BP	**Prep Date:**	04/09/24	**Prep Batch:**	1159727
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	4/10/2024	**Analytical Batch:**	483095
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Mercury	0.083	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404065	**Prep Method:**	5030VOC	**Prep Date:**	04/09/24	**Prep Batch:**	1159741
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/9/2024	**Analytical Batch:**	483049
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.26	0.50	ND	
Chloromethane	0.17	0.50	ND	
Vinyl Chloride	0.21	0.50	ND	
Bromomethane	0.21	0.50	ND	
Chloroethane	0.11	0.50	ND	
Trichlorofluoromethane	0.19	0.50	ND	
1,1-Dichloroethene	0.14	0.50	ND	
Freon 113	0.34	0.50	ND	
Methylene Chloride	0.13	1.0	ND	
trans-1,2-Dichloroethene	0.16	0.50	ND	
MTBE	0.077	0.50	ND	
tert-Butanol	2.9	5.0	ND	
DIPE	0.12	0.50	ND	
1,1-Dichloroethane	0.12	0.50	ND	
ETBE	0.064	0.50	ND	
cis-1,2-Dichloroethene	0.15	0.50	ND	
2,2-Dichloropropane	0.094	0.50	ND	
Bromochloromethane	0.15	0.50	ND	
Chloroform	0.12	0.50	ND	
Carbon Tetrachloride	0.16	0.50	ND	
1,1,1-Trichloroethane	0.16	0.50	ND	
1,1-Dichloropropene	0.19	0.50	ND	
Benzene	0.065	0.50	ND	
TAME	0.072	0.50	ND	
1,2-Dichloroethane	0.11	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
Dibromomethane	0.11	0.50	ND	
1,2-Dichloropropane	0.089	0.50	ND	
Bromodichloromethane	0.076	0.50	ND	
cis-1,3-Dichloropropene	0.078	0.50	ND	
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.24	0.50	ND	
trans-1,3-Dichloropropene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.076	0.50	ND	
Dibromochloromethane	0.18	0.50	ND	
1,3-Dichloropropane	0.22	0.50	ND	
1,2-Dibromoethane	0.079	0.50	ND	
Chlorobenzene	0.16	0.50	ND	
Ethylbenzene	0.20	0.50	ND	
1,1,1,2-Tetrachloroethane	0.087	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404065	**Prep Method:**	5030VOC	**Prep Date:**	04/09/24	**Prep Batch:**	1159741
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/9/2024	**Analytical Batch:**	483049
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	0.24	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	ND	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			100	
(S) Toluene-d8			97.7	
(S) 4-Bromofluorobenzene			95.5	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404065	**Prep Method:**	3546_OCP	**Prep Date:**	04/24/24	**Prep Batch:**	1160139
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	4/24/2024	**Analytical Batch:**	483481
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.25	2.0	ND	
gamma-BHC (Lindane)	0.71	2.0	ND	
beta-BHC	0.44	2.0	ND	
delta-BHC	0.65	2.0	ND	
Heptachlor	0.27	2.0	ND	
Aldrin	0.29	2.0	ND	
Heptachlor Epoxide	0.31	2.0	ND	
gamma-Chlordane	1.5	3.0	ND	
alpha-Chlordane	0.36	2.0	ND	
4,4'-DDE	0.61	2.0	ND	
Endosulfan I	0.29	2.0	ND	
Dieldrin	0.25	2.0	ND	
Endrin	0.79	2.0	ND	
4,4'-DDD	0.64	2.0	ND	
Endosulfan II	0.34	2.0	ND	
4,4-DDT	0.74	2.0	ND	
Endrin Aldehyde	0.51	2.0	ND	
Methoxychlor	2.6	6.0	ND	
Endosulfan Sulfate	0.51	2.0	ND	
Endrin Ketone	0.43	2.0	ND	
Chlordane, Technical	2.7	20	ND	
Toxaphene	22	50	ND	
Tetrachloro-M-Xylene (S)			91.1	
Decachlorobiphenyl (S)			94.8	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404065	**Prep Method:**	3546_OCP	**Prep Date:**	04/24/24	**Prep Batch:**	1160139
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	4/24/2024	**Analytical Batch:**	483481
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.25	2.0	ND	
gamma-BHC (Lindane)	0.71	2.0	ND	
beta-BHC	0.44	2.0	ND	
delta-BHC	0.65	2.0	ND	
Heptachlor	0.27	2.0	ND	
Aldrin	0.29	2.0	ND	
Heptachlor Epoxide	0.31	2.0	ND	
gamma-Chlordane	1.5	3.0	ND	
alpha-Chlordane	0.36	2.0	ND	
4,4'-DDE	0.61	2.0	ND	
Endosulfan I	0.29	2.0	ND	
Dieldrin	0.25	2.0	ND	
Endrin	0.79	2.0	ND	
4,4'-DDD	0.64	2.0	ND	
Endosulfan II	0.34	2.0	ND	
4,4-DDT	0.74	2.0	ND	
Endrin Aldehyde	0.51	2.0	ND	
Methoxychlor	2.6	6.0	ND	
Endosulfan Sulfate	0.51	2.0	ND	
Endrin Ketone	0.43	2.0	ND	
Hexachlorobenzene	0.51	2.0	ND	
Chlordane, Technical	2.7	20	ND	
Toxaphene	22	50	ND	
Tetrachloro-M-Xylene (S)			91.1	
Decachlorobiphenyl (S)			94.8	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404065	**Prep Method:**	3050B	**Prep Date:**	04/25/24	**Prep Batch:**	1160207
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	4/26/2024	**Analytical Batch:**	483497
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	ND	
Arsenic	0.15	1.30	ND	
Barium	0.055	5.00	ND	
Beryllium	0.055	5.00	ND	
Cadmium	0.10	0.750	ND	
Chromium	0.075	5.00	ND	
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	ND	
Lead	0.10	3.00	ND	
Molybdenum	0.050	5.00	0.050	
Nickel	0.50	5.00	ND	
Selenium	0.35	1.10	ND	
Silver	0.15	0.500	ND	
Thallium	0.55	5.00	ND	
Vanadium	0.10	5.00	ND	
Zinc	0.30	5.00	ND	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2404065	**Prep Method:**	3546_OCP	**Prep Date:**	04/06/24	**Prep Batch:**	1159640
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	4/9/2024	**Analytical Batch:**	483035
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	86.1	84.2	2.06	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	88.3	93.8	6.04	40 - 130	30	
Aldrin	0.20	2.0	ND	40	91.3	94.5	3.50	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	90.8	93.6	2.99	60 - 130	30	
Heptachlor	0.19	2.0	ND	40	89.9	91.8	1.93	55 - 135	30	
4,4-DDT	0.13	2.0	ND	40	89.3	90.5	1.39	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	82.6	87.0		48 - 125		
Decachlorobiphenyl (S)				100	90.1	91.5		38 - 135		

Work Order:	2404065	**Prep Method:**	5035	**Prep Date:**	04/05/24	**Prep Batch:**	1159653
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/5/2024	**Analytical Batch:**	482968
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	97.2	89.3	8.36	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	106	99.8	6.21	66.5 - 135	30	
Trichloroethene	1.8	10	ND	50.0	101	94.5	6.35	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	103	98.2	4.77	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	101	95.5	5.69	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	96.5	96.2		59.8 - 148		
(S) Toluene-d8				50.0	102	97.0		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	98.0	93.5		55.8 - 141		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2404065	**Prep Method:**	3050B	**Prep Date:**	04/09/24	**Prep Batch:**	1159726
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	4/10/2024	**Analytical Batch:**	483069
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	0.12	50	106	106	0.000	80 - 120	30	
Arsenic	0.15	1.30	ND	50	103	104	0.966	80 - 120	30	
Barium	0.055	5.00	0.060	50	110	111	0.905	80 - 120	30	
Beryllium	0.055	5.00	ND	50	107	108	0.930	80 - 120	30	
Cadmium	0.10	0.750	ND	50	105	106	0.948	80 - 120	30	
Chromium	0.075	5.00	ND	50	109	109	0.000	80 - 120	30	
Cobalt	0.070	5.00	ND	50	108	108	0.000	80 - 120	30	
Copper	0.20	5.00	ND	50	110	111	0.905	80 - 120	30	
Lead	0.10	3.00	0.13	50	108	108	0.000	80 - 120	30	
Molybdenum	0.050	5.00	ND	50	110	110	0.000	80 - 120	30	
Nickel	0.50	5.00	ND	50	107	108	0.930	80 - 120	30	
Selenium	0.22	5.00	ND	50	96.4	96.8	0.414	80 - 120	30	
Silver	0.15	5.00	ND	50	107	108	0.930	80 - 120	30	
Thallium	0.20	5.00	ND	50	107	108	0.930	80 - 120	30	
Vanadium	0.10	5.00	ND	50	109	110	0.913	80 - 120	30	
Zinc	0.30	5.00	ND	50	104	105	0.957	80 - 120	30	

Work Order:	2404065	**Prep Method:**	7471BP	**Prep Date:**	04/09/24	**Prep Batch:**	1159727
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	4/10/2024	**Analytical Batch:**	483095
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	100	104	3.13	80 - 120	20	

Work Order:	2404065	**Prep Method:**	5030VOC	**Prep Date:**	04/09/24	**Prep Batch:**	1159741
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	4/9/2024	**Analytical Batch:**	483049
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	86.5	87.1	0.643	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	97.2	98.6	1.14	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	96.3	99.0	2.87	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	97.6	98.9	1.71	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	94.5	95.9	1.18	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	95.0	95.3		61.2 - 131		
(S) Toluene-d8				17.9	99.0	100		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	97.6	99.0		64.1 - 120		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2404065	**Prep Method:**	3546_OCP	**Prep Date:**	04/24/24	**Prep Batch:**	1160139
Matrix:	Soil	**Analytical Method:**	SW8081B	**Analyzed Date:**	4/24/2024	**Analytical Batch:**	483481
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	96.5	94.9	1.57	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	98.6	96.5	2.05	40 - 130	30	
Aldrin	0.20	2.0	ND	40	103	101	1.96	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	96.7	94.9	2.09	60 - 130	30	
Heptachlor	0.19	2.0	ND	40	83.0	80.7	2.75	55 - 135	30	
4,4-DDT	0.13	2.0	ND	40	96.0	95.3	0.784	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	93.8	90.5		48 - 125		
Decachlorobiphenyl (S)				100	95.7	95.9		38 - 135		

Work Order:	2404065	**Prep Method:**	3050B	**Prep Date:**	04/25/24	**Prep Batch:**	1160207
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	4/26/2024	**Analytical Batch:**	483497
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	106	106	0.000	80 - 120	30	
Arsenic	0.15	1.30	ND	50	104	103	0.966	80 - 120	30	
Barium	0.055	5.00	ND	50	110	109	0.913	80 - 120	30	
Beryllium	0.055	5.00	ND	50	108	107	0.930	80 - 120	30	
Cadmium	0.10	0.750	ND	50	106	105	0.948	80 - 120	30	
Chromium	0.075	5.00	ND	50	109	108	0.922	80 - 120	30	
Cobalt	0.070	5.00	ND	50	108	107	0.930	80 - 120	30	
Copper	0.20	5.00	ND	50	110	109	0.913	80 - 120	30	
Lead	0.10	3.00	ND	50	108	107	0.930	80 - 120	30	
Molybdenum	0.050	5.00	0.050	50	110	109	0.913	80 - 120	30	
Nickel	0.50	5.00	ND	50	107	106	0.939	80 - 120	30	
Selenium	0.22	5.00	ND	50	96.0	95.3	0.627	80 - 120	30	
Silver	0.15	5.00	ND	50	107	106	0.939	80 - 120	30	
Thallium	0.20	5.00	ND	50	107	106	0.939	80 - 120	30	
Vanadium	0.10	5.00	ND	50	109	108	0.922	80 - 120	30	
Zinc	0.30	5.00	ND	50	104	104	0.000	80 - 120	30	

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2404065	**Prep Method:**	3546_OCP	**Prep Date:**	04/06/24	**Prep Batch:**	1159640
Matrix:	**Soil**	**Analytical Method:**	SW8081B	**Analyzed Date:**	4/9/2024	**Analytical Batch:**	483035
Spiked Sample:	2404065-003A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	1.59	20.0	ND	40	82.2	83.4	1.21	25 - 135	30	
Heptachlor	1.05	20.0	ND	40	86.4	85.8	0.871	40 - 130	30	
Aldrin	1.95	20.0	ND	40	84.3	83.4	0.894	25 - 140	30	
Dieldrin	1.48	20.0	ND	40	81.8	82.8	1.22	60 - 130	30	
Endrin	1.88	20.0	ND	40	82.5	83.0	0.604	55 - 135	30	
4,4-DDT	1.29	20.0	392	40	0	0	34.5	45 - 140	30	NR
Tetrachloro-M-Xylene (S)				100	79.4	80.5		48 - 125		
Decachlorobiphenyl (S)				100	84.5	83.0		38 - 135		

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: Danco Communities

Work Order No.: 2404065

Date and Time Received: 4/5/2024 11:25:00AM

Received By: Claudia Moreno

Physically Logged By: Claudia Moreno

Checklist Completed By: Claudia Moreno

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?	
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?	
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:	5.0	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?	Yes			

pH Checked by: na

pH Adjusted by: N/A

Comments:

RECEIVED 3 EXTRA SLEEVES AEI SG-7-3' / AEI SG-7-2' / AEI SG-7-1' PER CLIENT GO AHEAD AND TEST AEI SG-7-1'

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5781 AEI Consultants
Project Name: Danco Communities
Project # : 487289
Report Due Date: 4/26/2024
QC Level: II
TAT Requested: 5+ day:5
Date Received: 4/5/2024
Time Received: 11:25 am

Comments:

Work Order # : ***2404065***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2404065-001A	SB-1-W	04/04/24 12:50	Water	05/19/24			EDF VOC_W_8260B	
2404065-002A	SB-2-W	04/04/24 13:00	Water	05/19/24			VOC_W_8260B	
2404065-003A	AEI SG-8-1'	04/04/24 10:30	Soil	10/01/24			Hg_S_7471B Pest_S_8081OCP Met_S_6010B CAM17	
Sample Note:	Metals are RCRA8 For OCPs, minimize dilution and report to MDL							
2404065-004A	AEI SG-8-2'	04/04/24 10:32	Soil	10/01/24			Hold Samples Met_S_As Pb Pest_S_8081OCP	
2404065-005A	AEI SG-8-3'	04/04/24 10:33	Soil	10/01/24			Hold Samples	
2404065-006A	AEI SG-9-1'	04/05/24 9:39	Soil	10/02/24			Hg_S_7471B Pest_S_8081OCP Met_S_6010B CAM17	
2404065-007A	AEI SG-9-2'	04/05/24 9:39	Soil	10/02/24			Hold Samples	
2404065-008A	AEI SG-9-3'	04/05/24 9:40	Soil	10/02/24			Hold Samples	
2404065-009A	AEI SG-10-1'	04/05/24 11:34	Soil	10/02/24			Hg_S_7471B Pest_S_8081OCP Met_S_6010B CAM17	
2404065-010A	AEI SG-10-2'	04/05/24 11:35	Soil	10/02/24			Hold Samples	
2404065-011A	AEI SG-10-3'	04/05/24 11:40	Soil	10/02/24			Hold Samples	
2404065-012A	AEI SG-11-1'	04/05/24 9:19	Soil	10/02/24			Hold Samples	
2404065-013A	AEI SG-11-2'	04/05/24 9:20	Soil	10/02/24			Hold Samples	
2404065-014A	AEI SG-11-3'	04/05/24 9:21	Soil	10/02/24			Hold Samples	
2404065-015A	AEI SG-12-1'	04/05/24 8:10	Soil	10/02/24			Hg_S_7471B	

Login Summary Report

Client ID:	TL5781	AEI Consultants	**QC Level:**	II
Project Name:	Danco Communities		**TAT Requested:**	5+ day:5
Project # :	487289		**Date Received:**	4/5/2024
Report Due Date:	4/26/2024		**Time Received:**	11:25 am

Comments:

Work Order # : ***2404065***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2404065-015B	AEI SG-12-1'	04/05/24 8:10	Soil	10/02/24			Pest_S_8081OCP Met_S_6010B CAM17 EN_VOC_8260B	
Sample Note:	Encores (1 per sample)							
2404065-016A	AEI SG-12-2'	04/05/24 8:15	Soil	10/02/24			Hold Samples	
2404065-017A	AEI SG-12-3'	04/05/24 8:25	Soil	10/02/24			Hold Samples	
2404065-018B	AEI SG-12-5'	04/05/24 8:30	Soil	10/02/24			EN_VOC_8260B	
2404065-019A	AEI SG-7-1'	04/05/24 8:53	Soil	10/02/24			Met_S_6010B CAM17 Pest_S_8081OCP Hg_S_7471B	
2404065-020A	AEI SG-7-2'	04/05/24 8:56	Soil	10/02/24			Hold Samples	
2404065-021A	AEI SG-7-3'	04/05/24 8:58	Soil	10/02/24			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: 2404065

Company Name: AEI Consultants	☑ Env. ☐ Non Env.		Project #: 487289 PO#: 362748
Address: 2500 Camino Diablo			Project Name: Danco Communities
City: Walnut Creek	State: CA	Zip Code: 94597	Comments: GlobalTracker ID No. T10000021217
Telephone: 925-746-6000	Cell: 925-321-3561		SAMPLER: Nick W.
REPORT TO: Nick Woods	BILL TO: AEI Consultants		EMAIL: nwoods@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	OCPs (low level) 8081	RCRA 8 Metals 6010/6020	Hold						REMARKS
001A		SB-1-W	4/4/24 12:50	GW	2	voas	X									
002A		SB-2-W	4/4/24 13:00	GW	2	voas	X									
003A		AEI SG-8-1'	4/4/24 10:30	soil	1	liners		X	X							
004A		AEI SG-8-2'	4/4/24 10:32	soil	1	liner				X						
005A		AEI SG-8-3'	4/4/24 10:33	soil	1	liner				X						
006A		AEI SG-9-1'	4/5/24 9:39	soil	1	liner		X	X							
007A		AEI SG-9-2'	4/5/24 9:39	soil	1	liner				X						
008A		AEI SG-9-3'	4/5/24 9:40	soil	1	liner				X						
009A		AEI SG-10-1'	4/5/24 11:34	soil	1	liner		X	X							
010A		AEI SG-10-2'	4/5/24 11:35	soil	1	liner				X						

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1		Nick Woods	4/5/24	11:25		Claudia Moreno	4/5/24	11:25
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Cooler Temperature 4.8 °C #3 Samples Received on ice? Yes ☒ No ☐ Method of Shipment D/O

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

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

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Torrent LABORATORY, INC.

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Reset

CHAIN OF CUSTODY

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

LAB WORK ORDER NO: 2404065

Company Name: AEI Consultants ☑ Env. ☐ Non Env.			Project #: 487289 PO#: 362748
Address: 2500 Camino Diablo			Project Name: Danco Communities
City: Walnut Creek	State: CA	Zip Code: 94597	Comments: GlobalTracker ID No. T10000021217
Telephone: 925-746-6000	Cell: 925-321-3561		SAMPLER: Nick W.
REPORT TO: Nick Woods	BILL TO: AEI Consultants		EMAIL: nwoods@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	OCPs (low level) 8081	RCRA 8 Metals 6010/6020	Hold					REMARKS
011A		AEI SG-10-3'	4/5/24 11:40	soil	1	liner				X					
012A		AEI SG-11-1'	4/5/24 9:19	soil	1	liner				X					
013A		AEI SG-11-2'	4/5/24 9:20	soil	1	liner				X					
014A		AEI SG-11-3'	4/5/24 9:21	soil	1	liner				X					
015A/B		AEI SG-12-1'	4/5/24 8:10	soil	2	liner encore	X	X	X						
016A		AEI SG-12-2'	4/5/24 8:15	soil	1					X					
017A		AEI SG-12-3'	4/5/24 8:25	soil	1					X					
018A/B		AEI SG-12-5'	4/5/24 8:30	soil	2 ~~1~~	~~liner~~ encore	X								
019A															
020A															

copy

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1		Nick Woods	4/5/24	11:25		Claudia Moreno	4/5/24	11:25
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Cooler Temperature 4.8 °C Samples Received on ice? Yes ☒ No ☐ Method of Shipment DO

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

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

Page 2 of 2

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

RE: Danco Communities

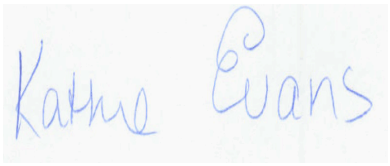
Work Order No.: 2404148

Dear Nick Woods:

Torrent Laboratory, Inc. received 12 sample(s) on April 15, 2024 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

April 19, 2024
Date

Date: 4/19/2024

Client: AEI Consultants

Project: Danco Communities

Work Order: 2404148

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.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Nick Woods
AEI Consultants

Date Received: 04/15/24
Date Reported: 04/19/24

AEI SG-7-5' 2404148-001

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Trichlorofluoromethane	TO15	1	0.56	2.8	3.1
Carbon Disulfide	TO15	1	0.37	1.6	2.9
2-Propanol (Isopropyl Alcohol)	TO15	1	1.3	12	19
Acetone	TO15	1	0.40	12	18
tert-Butanol	TO15	1	0.62	1.5	3.0
Tetrachloroethylene	TO15	1	1.5	3.4	6.4

AEI SG-7-15' 2404148-002

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Disulfide	TO15	1	0.37	1.6	7.3
Acetone	TO15	1	0.40	12	20
tert-Butanol	TO15	1	0.62	1.5	3.4
Tetrachloroethylene	TO15	1	1.5	3.4	5.0

AEI SG-8-5' 2404148-003

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Acetone	TO15	1	0.40	12	12
Tetrahydrofuran	TO15	1	0.45	1.5	1.5
Tetrachloroethylene	TO15	1	1.5	3.4	7.7

AEI SG-8-15' 2404148-004

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Disulfide	TO15	1.1	0.41	1.7	4.8
Acetone	TO15	1.1	0.43	13	24

AEI SG-9-5' 2404148-005

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Acetone	TO15	1	0.40	12	18
tert-Butanol	TO15	1	0.62	1.5	5.3
Tetrachloroethylene	TO15	1	1.5	3.4	4.4

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Nick Woods
AEI Consultants

Date Received: 04/15/24
Date Reported: 04/19/24

AEI SG-9-15' 2404148-006

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Disulfide	TO15	1	0.37	1.6	9.2
Acetone	TO15	1	0.40	12	13
tert-Butanol	TO15	1	0.62	1.5	1.7

AEI SG-10-5' 2404148-007

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Helium	D1946	18.5	0.041	9.3	2.2%
Carbon Disulfide	TO15	1.1	0.41	1.7	2.4
Acetone	TO15	1.1	0.43	13	26
tert-Butanol	TO15	1.1	0.68	1.7	2.8

AEI SG10-15' 2404148-008

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Helium	D1946	19.1	0.043	9.6	0.84%
Carbon Disulfide	TO15	1.17	0.44	1.8	5.1
2-Propanol (Isopropyl Alcohol)	TO15	1.17	1.5	14	23
Acetone	TO15	1.17	0.46	14	15
tert-Butanol	TO15	1.17	0.72	1.8	2.8
Tetrachloroethylene	TO15	1.17	1.7	4.0	5.9

AEI SG-11-5' 2404148-009

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Disulfide	TO15	1	0.37	1.6	2.0
2-Propanol (Isopropyl Alcohol)	TO15	1	1.3	12	24
Acetone	TO15	1	0.40	12	24
tert-Butanol	TO15	1	0.62	1.5	1.6

AEI SG-11-15' 2404148-010

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Disulfide	TO15	1	0.37	1.6	12
2-Propanol (Isopropyl Alcohol)	TO15	1	1.3	12	130
Acetone	TO15	1	0.40	12	96
Trichloroethylene	TO15	1	0.81	2.7	4.7
Toluene	TO15	1	0.75	1.9	1.9
Tetrachloroethylene	TO15	1	1.5	3.4	3.5

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Nick Woods
AEI Consultants

Date Received: 04/15/24
Date Reported: 04/19/24

AEI SG-12-5' 2404148-011

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Disulfide	TO15	1.06	0.40	1.6	3.7
2-Propanol (Isopropyl Alcohol)	TO15	1.06	1.4	13	34
Acetone	TO15	1.06	0.42	13	16
Toluene	TO15	1.06	0.80	2.0	2.6
Tetrachloroethylene	TO15	1.06	1.5	3.6	4.1
m,p-Xylene	TO15	1.06	1.0	2.3	2.5

AEI SG-12-15' 2404148-012

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Trichlorofluoromethane	TO15	1	0.56	2.8	3.1
Carbon Disulfide	TO15	1	0.37	1.6	65
2-Propanol (Isopropyl Alcohol)	TO15	1	1.3	12	24
Acetone	TO15	1	0.40	12	39
Benzene	TO15	1	0.44	1.6	5.3
Trichloroethylene	TO15	1	0.81	2.7	4.7
Toluene	TO15	1	0.75	1.9	6.4
m,p-Xylene	TO15	1	0.98	2.2	4.4

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-7-5'	**Lab Sample ID:**	2404148-001A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 11:53	**Certified Clean WO # :**	
Canister/Tube ID:	N3991	**Received PSI :**	12.0
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	FG-P	**Prep Batch Date/Time:**	4/16/24 2:10:00PM
Prep Batch ID:	1159949	**Prep Analyst:**	ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	15.10	0.034	7.6	ND	ND		04/16/24	16:45	ERESK	483259

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24 9:59:00AM
Prep Batch ID:	1159939	**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	1.00	1.6	2.5	ND	ND		04/16/24	15:30	BA	483249
1,1-Difluoroethane	TO15	1.00	0.35	14	ND	ND		04/16/24	15:30	BA	483249
1,2-Dichlorotetrafluoroethane	TO15	1.00	1.4	3.5	ND	ND		04/16/24	15:30	BA	483249
Chloromethane	TO15	1.00	2.0	4.1	ND	ND		04/16/24	15:30	BA	483249
Vinyl Chloride	TO15	1.00	0.23	1.3	ND	ND		04/16/24	15:30	BA	483249
1,3-Butadiene	TO15	1.00	0.34	1.1	ND	ND		04/16/24	15:30	BA	483249
Bromomethane	TO15	1.00	0.66	1.9	ND	ND		04/16/24	15:30	BA	483249
Chloroethane	TO15	1.00	0.81	1.3	ND	ND		04/16/24	15:30	BA	483249
Trichlorofluoromethane	TO15	1.00	0.56	2.8	3.1	0.55		04/16/24	15:30	BA	483249
1,1-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/16/24	15:30	BA	483249
Freon 113	TO15	1.00	1.0	3.8	ND	ND		04/16/24	15:30	BA	483249
Carbon Disulfide	TO15	1.00	0.37	1.6	2.9	0.93		04/16/24	15:30	BA	483249
2-Propanol (Isopropyl Alcohol)	TO15	1.00	1.3	12	19	7.72		04/16/24	15:30	BA	483249
Methylene Chloride	TO15	1.00	0.70	10	ND	ND		04/16/24	15:30	BA	483249
Acetone	TO15	1.00	0.40	12	18	7.56		04/16/24	15:30	BA	483249
trans-1,2-Dichloroethene	TO15	1.00	0.48	2.0	ND	ND		04/16/24	15:30	BA	483249
Hexane	TO15	1.00	0.46	1.8	ND	ND		04/16/24	15:30	BA	483249
MTBE	TO15	1.00	0.44	1.8	ND	ND		04/16/24	15:30	BA	483249
tert-Butanol	TO15	1.00	0.62	1.5	3.0	0.99		04/16/24	15:30	BA	483249
Diisopropyl ether (DIPE)	TO15	1.00	0.74	2.1	ND	ND		04/16/24	15:30	BA	483249
1,1-Dichloroethane	TO15	1.00	0.54	2.0	ND	ND		04/16/24	15:30	BA	483249
ETBE	TO15	1.00	0.33	2.1	ND	ND		04/16/24	15:30	BA	483249
cis-1,2-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/16/24	15:30	BA	483249
Chloroform	TO15	1.00	0.97	2.4	ND	ND		04/16/24	15:30	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-7-5'	**Lab Sample ID:**	2404148-001A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 11:53	**Certified Clean WO # :**	
Canister/Tube ID:	N3991	**Received PSI :**	12.0
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Vinyl Acetate	TO15	1.00	0.76	1.8	ND	ND		04/16/24	15:30	BA	483249
Carbon Tetrachloride	TO15	1.00	1.1	3.1	ND	ND		04/16/24	15:30	BA	483249
1,1,1-Trichloroethane	TO15	1.00	0.79	2.7	ND	ND		04/16/24	15:30	BA	483249
2-Butanone (MEK)	TO15	1.00	0.39	1.5	ND	ND		04/16/24	15:30	BA	483249
Ethyl Acetate	TO15	1.00	0.48	1.8	ND	ND		04/16/24	15:30	BA	483249
Tetrahydrofuran	TO15	1.00	0.45	1.5	ND	ND		04/16/24	15:30	BA	483249
Benzene	TO15	1.00	0.44	1.6	ND	ND		04/16/24	15:30	BA	483249
TAME	TO15	1.00	0.67	2.1	ND	ND		04/16/24	15:30	BA	483249
1,2-Dichloroethane (EDC)	TO15	1.00	0.42	2.0	ND	ND		04/16/24	15:30	BA	483249
Trichloroethylene	TO15	1.00	0.81	2.7	ND	ND		04/16/24	15:30	BA	483249
1,2-Dichloropropane	TO15	1.00	0.76	2.3	ND	ND		04/16/24	15:30	BA	483249
Bromodichloromethane	TO15	1.00	0.74	3.4	ND	ND		04/16/24	15:30	BA	483249
1,4-Dioxane	TO15	1.00	1.8	3.6	ND	ND		04/16/24	15:30	BA	483249
trans-1,3-Dichloropropene	TO15	1.00	1.1	2.3	ND	ND		04/16/24	15:30	BA	483249
Toluene	TO15	1.00	0.75	1.9	ND	ND		04/16/24	15:30	BA	483249
4-Methyl-2-Pentanone (MIBK)	TO15	1.00	0.75	2.1	ND	ND		04/16/24	15:30	BA	483249
cis-1,3-Dichloropropene	TO15	1.00	0.42	2.3	ND	ND		04/16/24	15:30	BA	483249
Tetrachloroethylene	TO15	1.00	1.5	3.4	6.4	0.94		04/16/24	15:30	BA	483249
1,1,2-Trichloroethane	TO15	1.00	0.58	2.7	ND	ND		04/16/24	15:30	BA	483249
Dibromochloromethane	TO15	1.00	1.1	4.3	ND	ND		04/16/24	15:30	BA	483249
1,2-Dibromoethane (EDB)	TO15	1.00	0.74	3.8	ND	ND		04/16/24	15:30	BA	483249
2-Hexanone	TO15	1.00	0.65	2.1	ND	ND		04/16/24	15:30	BA	483249
Ethyl Benzene	TO15	1.00	0.63	2.2	ND	ND		04/16/24	15:30	BA	483249
Chlorobenzene	TO15	1.00	0.60	2.3	ND	ND		04/16/24	15:30	BA	483249
1,1,1,2-Tetrachloroethane	TO15	1.00	0.84	3.4	ND	ND		04/16/24	15:30	BA	483249
m,p-Xylene	TO15	1.00	0.98	2.2	ND	ND		04/16/24	15:30	BA	483249
o-Xylene	TO15	1.00	0.30	2.2	ND	ND		04/16/24	15:30	BA	483249
Styrene	TO15	1.00	0.46	2.1	ND	ND		04/16/24	15:30	BA	483249
Bromoform	TO15	1.00	1.3	5.2	ND	ND		04/16/24	15:30	BA	483249
1,1,2,2-Tetrachloroethane	TO15	1.00	0.82	3.4	ND	ND		04/16/24	15:30	BA	483249
4-Ethyl Toluene	TO15	1.00	0.55	2.5	ND	ND		04/16/24	15:30	BA	483249
1,3,5-Trimethylbenzene	TO15	1.00	0.30	2.5	ND	ND		04/16/24	15:30	BA	483249
1,2,4-Trimethylbenzene	TO15	1.00	0.60	2.5	ND	ND		04/16/24	15:30	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-7-5'	**Lab Sample ID:**	2404148-001A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 11:53	**Certified Clean WO # :**	
Canister/Tube ID:	N3991	**Received PSI :**	12.0
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dichlorobenzene	TO15	1.00	0.75	3.0	ND	ND		04/16/24	15:30	BA	483249
1,3-Dichlorobenzene	TO15	1.00	1.3	3.0	ND	ND		04/16/24	15:30	BA	483249
1,2-Dichlorobenzene	TO15	1.00	1.1	3.0	ND	ND		04/16/24	15:30	BA	483249
Hexachlorobutadiene	TO15	1.00	1.9	5.3	ND	ND		04/16/24	15:30	BA	483249
1,2,4-Trichlorobenzene	TO15	1.00	2.2	3.7	ND	ND		04/16/24	15:30	BA	483249
Naphthalene	TO15	1.00	1.3	2.6	ND	ND		04/16/24	15:30	BA	483249
(S) 4-Bromofluorobenzene	TO15	1.00	50	150	94 %			04/16/24	15:30	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-7-15'	**Lab Sample ID:**	2404148-002A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 11:34	**Certified Clean WO # :**	
Canister/Tube ID:	A12210	**Received PSI :**	11.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	FG-P	**Prep Batch Date/Time:**	4/16/24 2:10:00PM
Prep Batch ID:	1159949	**Prep Analyst:**	ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	8.60	0.019	4.3	ND	ND		04/16/24	17:40	ERESK	483259

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24 9:59:00AM
Prep Batch ID:	1159939	**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	1.00	1.6	2.5	ND	ND		04/16/24	16:12	BA	483249
1,1-Difluoroethane	TO15	1.00	0.35	14	ND	ND		04/16/24	16:12	BA	483249
1,2-Dichlorotetrafluoroethane	TO15	1.00	1.4	3.5	ND	ND		04/16/24	16:12	BA	483249
Chloromethane	TO15	1.00	2.0	4.1	ND	ND		04/16/24	16:12	BA	483249
Vinyl Chloride	TO15	1.00	0.23	1.3	ND	ND		04/16/24	16:12	BA	483249
1,3-Butadiene	TO15	1.00	0.34	1.1	ND	ND		04/16/24	16:12	BA	483249
Bromomethane	TO15	1.00	0.66	1.9	ND	ND		04/16/24	16:12	BA	483249
Chloroethane	TO15	1.00	0.81	1.3	ND	ND		04/16/24	16:12	BA	483249
Trichlorofluoromethane	TO15	1.00	0.56	2.8	ND	ND		04/16/24	16:12	BA	483249
1,1-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/16/24	16:12	BA	483249
Freon 113	TO15	1.00	1.0	3.8	ND	ND		04/16/24	16:12	BA	483249
Carbon Disulfide	TO15	1.00	0.37	1.6	7.3	2.35		04/16/24	16:12	BA	483249
2-Propanol (Isopropyl Alcohol)	TO15	1.00	1.3	12	ND	ND		04/16/24	16:12	BA	483249
Methylene Chloride	TO15	1.00	0.70	10	ND	ND		04/16/24	16:12	BA	483249
Acetone	TO15	1.00	0.40	12	20	8.40		04/16/24	16:12	BA	483249
trans-1,2-Dichloroethene	TO15	1.00	0.48	2.0	ND	ND		04/16/24	16:12	BA	483249
Hexane	TO15	1.00	0.46	1.8	ND	ND		04/16/24	16:12	BA	483249
MTBE	TO15	1.00	0.44	1.8	ND	ND		04/16/24	16:12	BA	483249
tert-Butanol	TO15	1.00	0.62	1.5	3.4	1.12		04/16/24	16:12	BA	483249
Diisopropyl ether (DIPE)	TO15	1.00	0.74	2.1	ND	ND		04/16/24	16:12	BA	483249
1,1-Dichloroethane	TO15	1.00	0.54	2.0	ND	ND		04/16/24	16:12	BA	483249
ETBE	TO15	1.00	0.33	2.1	ND	ND		04/16/24	16:12	BA	483249
cis-1,2-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/16/24	16:12	BA	483249
Chloroform	TO15	1.00	0.97	2.4	ND	ND		04/16/24	16:12	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-7-15'	**Lab Sample ID:**	2404148-002A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 11:34	**Certified Clean WO # :**	
Canister/Tube ID:	A12210	**Received PSI :**	11.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Vinyl Acetate	TO15	1.00	0.76	1.8	ND	ND		04/16/24	16:12	BA	483249
Carbon Tetrachloride	TO15	1.00	1.1	3.1	ND	ND		04/16/24	16:12	BA	483249
1,1,1-Trichloroethane	TO15	1.00	0.79	2.7	ND	ND		04/16/24	16:12	BA	483249
2-Butanone (MEK)	TO15	1.00	0.39	1.5	ND	ND		04/16/24	16:12	BA	483249
Ethyl Acetate	TO15	1.00	0.48	1.8	ND	ND		04/16/24	16:12	BA	483249
Tetrahydrofuran	TO15	1.00	0.45	1.5	ND	ND		04/16/24	16:12	BA	483249
Benzene	TO15	1.00	0.44	1.6	ND	ND		04/16/24	16:12	BA	483249
TAME	TO15	1.00	0.67	2.1	ND	ND		04/16/24	16:12	BA	483249
1,2-Dichloroethane (EDC)	TO15	1.00	0.42	2.0	ND	ND		04/16/24	16:12	BA	483249
Trichloroethylene	TO15	1.00	0.81	2.7	ND	ND		04/16/24	16:12	BA	483249
1,2-Dichloropropane	TO15	1.00	0.76	2.3	ND	ND		04/16/24	16:12	BA	483249
Bromodichloromethane	TO15	1.00	0.74	3.4	ND	ND		04/16/24	16:12	BA	483249
1,4-Dioxane	TO15	1.00	1.8	3.6	ND	ND		04/16/24	16:12	BA	483249
trans-1,3-Dichloropropene	TO15	1.00	1.1	2.3	ND	ND		04/16/24	16:12	BA	483249
Toluene	TO15	1.00	0.75	1.9	ND	ND		04/16/24	16:12	BA	483249
4-Methyl-2-Pentanone (MIBK)	TO15	1.00	0.75	2.1	ND	ND		04/16/24	16:12	BA	483249
cis-1,3-Dichloropropene	TO15	1.00	0.42	2.3	ND	ND		04/16/24	16:12	BA	483249
Tetrachloroethylene	TO15	1.00	1.5	3.4	5.0	0.74		04/16/24	16:12	BA	483249
1,1,2-Trichloroethane	TO15	1.00	0.58	2.7	ND	ND		04/16/24	16:12	BA	483249
Dibromochloromethane	TO15	1.00	1.1	4.3	ND	ND		04/16/24	16:12	BA	483249
1,2-Dibromoethane (EDB)	TO15	1.00	0.74	3.8	ND	ND		04/16/24	16:12	BA	483249
2-Hexanone	TO15	1.00	0.65	2.1	ND	ND		04/16/24	16:12	BA	483249
Ethyl Benzene	TO15	1.00	0.63	2.2	ND	ND		04/16/24	16:12	BA	483249
Chlorobenzene	TO15	1.00	0.60	2.3	ND	ND		04/16/24	16:12	BA	483249
1,1,1,2-Tetrachloroethane	TO15	1.00	0.84	3.4	ND	ND		04/16/24	16:12	BA	483249
m,p-Xylene	TO15	1.00	0.98	2.2	ND	ND		04/16/24	16:12	BA	483249
o-Xylene	TO15	1.00	0.30	2.2	ND	ND		04/16/24	16:12	BA	483249
Styrene	TO15	1.00	0.46	2.1	ND	ND		04/16/24	16:12	BA	483249
Bromoform	TO15	1.00	1.3	5.2	ND	ND		04/16/24	16:12	BA	483249
1,1,2,2-Tetrachloroethane	TO15	1.00	0.82	3.4	ND	ND		04/16/24	16:12	BA	483249
4-Ethyl Toluene	TO15	1.00	0.55	2.5	ND	ND		04/16/24	16:12	BA	483249
1,3,5-Trimethylbenzene	TO15	1.00	0.30	2.5	ND	ND		04/16/24	16:12	BA	483249
1,2,4-Trimethylbenzene	TO15	1.00	0.60	2.5	ND	ND		04/16/24	16:12	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-7-15'	**Lab Sample ID:**	2404148-002A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 11:34	**Certified Clean WO # :**	
Canister/Tube ID:	A12210	**Received PSI :**	11.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dichlorobenzene	TO15	1.00	0.75	3.0	ND	ND		04/16/24	16:12	BA	483249
1,3-Dichlorobenzene	TO15	1.00	1.3	3.0	ND	ND		04/16/24	16:12	BA	483249
1,2-Dichlorobenzene	TO15	1.00	1.1	3.0	ND	ND		04/16/24	16:12	BA	483249
Hexachlorobutadiene	TO15	1.00	1.9	5.3	ND	ND		04/16/24	16:12	BA	483249
1,2,4-Trichlorobenzene	TO15	1.00	2.2	3.7	ND	ND		04/16/24	16:12	BA	483249
Naphthalene	TO15	1.00	1.3	2.6	ND	ND		04/16/24	16:12	BA	483249
(S) 4-Bromofluorobenzene	TO15	1.00	50	150	94 %			04/16/24	16:12	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-8-5'	**Lab Sample ID:**	2404148-003A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:18	**Certified Clean WO # :**	
Canister/Tube ID:	A12199	**Received PSI :**	11.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	FG-P	**Prep Batch Date/Time:**	4/16/24 2:10:00PM
Prep Batch ID:	1159949	**Prep Analyst:**	ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	17.60	0.039	8.8	ND	ND		04/16/24	17:51	ERESK	483259

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24 9:59:00AM
Prep Batch ID:	1159939	**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	1.00	1.6	2.5	ND	ND		04/16/24	17:10	BA	483249
1,1-Difluoroethane	TO15	1.00	0.35	14	ND	ND		04/16/24	17:10	BA	483249
1,2-Dichlorotetrafluoroethane	TO15	1.00	1.4	3.5	ND	ND		04/16/24	17:10	BA	483249
Chloromethane	TO15	1.00	2.0	4.1	ND	ND		04/16/24	17:10	BA	483249
Vinyl Chloride	TO15	1.00	0.23	1.3	ND	ND		04/16/24	17:10	BA	483249
1,3-Butadiene	TO15	1.00	0.34	1.1	ND	ND		04/16/24	17:10	BA	483249
Bromomethane	TO15	1.00	0.66	1.9	ND	ND		04/16/24	17:10	BA	483249
Chloroethane	TO15	1.00	0.81	1.3	ND	ND		04/16/24	17:10	BA	483249
Trichlorofluoromethane	TO15	1.00	0.56	2.8	ND	ND		04/16/24	17:10	BA	483249
1,1-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/16/24	17:10	BA	483249
Freon 113	TO15	1.00	1.0	3.8	ND	ND		04/16/24	17:10	BA	483249
Carbon Disulfide	TO15	1.00	0.37	1.6	ND	ND		04/16/24	17:10	BA	483249
2-Propanol (Isopropyl Alcohol)	TO15	1.00	1.3	12	ND	ND		04/16/24	17:10	BA	483249
Methylene Chloride	TO15	1.00	0.70	10	ND	ND		04/16/24	17:10	BA	483249
Acetone	TO15	1.00	0.40	12	12	5.04		04/16/24	17:10	BA	483249
trans-1,2-Dichloroethene	TO15	1.00	0.48	2.0	ND	ND		04/16/24	17:10	BA	483249
Hexane	TO15	1.00	0.46	1.8	ND	ND		04/16/24	17:10	BA	483249
MTBE	TO15	1.00	0.44	1.8	ND	ND		04/16/24	17:10	BA	483249
tert-Butanol	TO15	1.00	0.62	1.5	ND	ND		04/16/24	17:10	BA	483249
Diisopropyl ether (DIPE)	TO15	1.00	0.74	2.1	ND	ND		04/16/24	17:10	BA	483249
1,1-Dichloroethane	TO15	1.00	0.54	2.0	ND	ND		04/16/24	17:10	BA	483249
ETBE	TO15	1.00	0.33	2.1	ND	ND		04/16/24	17:10	BA	483249
cis-1,2-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/16/24	17:10	BA	483249
Chloroform	TO15	1.00	0.97	2.4	ND	ND		04/16/24	17:10	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-8-5'	**Lab Sample ID:**	2404148-003A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:18	**Certified Clean WO # :**	
Canister/Tube ID:	A12199	**Received PSI :**	11.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Vinyl Acetate	TO15	1.00	0.76	1.8	ND	ND		04/16/24	17:10	BA	483249
Carbon Tetrachloride	TO15	1.00	1.1	3.1	ND	ND		04/16/24	17:10	BA	483249
1,1,1-Trichloroethane	TO15	1.00	0.79	2.7	ND	ND		04/16/24	17:10	BA	483249
2-Butanone (MEK)	TO15	1.00	0.39	1.5	ND	ND		04/16/24	17:10	BA	483249
Ethyl Acetate	TO15	1.00	0.48	1.8	ND	ND		04/16/24	17:10	BA	483249
Tetrahydrofuran	TO15	1.00	0.45	1.5	1.5	0.51		04/16/24	17:10	BA	483249
Benzene	TO15	1.00	0.44	1.6	ND	ND		04/16/24	17:10	BA	483249
TAME	TO15	1.00	0.67	2.1	ND	ND		04/16/24	17:10	BA	483249
1,2-Dichloroethane (EDC)	TO15	1.00	0.42	2.0	ND	ND		04/16/24	17:10	BA	483249
Trichloroethylene	TO15	1.00	0.81	2.7	ND	ND		04/16/24	17:10	BA	483249
1,2-Dichloropropane	TO15	1.00	0.76	2.3	ND	ND		04/16/24	17:10	BA	483249
Bromodichloromethane	TO15	1.00	0.74	3.4	ND	ND		04/16/24	17:10	BA	483249
1,4-Dioxane	TO15	1.00	1.8	3.6	ND	ND		04/16/24	17:10	BA	483249
trans-1,3-Dichloropropene	TO15	1.00	1.1	2.3	ND	ND		04/16/24	17:10	BA	483249
Toluene	TO15	1.00	0.75	1.9	ND	ND		04/16/24	17:10	BA	483249
4-Methyl-2-Pentanone (MIBK)	TO15	1.00	0.75	2.1	ND	ND		04/16/24	17:10	BA	483249
cis-1,3-Dichloropropene	TO15	1.00	0.42	2.3	ND	ND		04/16/24	17:10	BA	483249
Tetrachloroethylene	TO15	1.00	1.5	3.4	7.7	1.14		04/16/24	17:10	BA	483249
1,1,2-Trichloroethane	TO15	1.00	0.58	2.7	ND	ND		04/16/24	17:10	BA	483249
Dibromochloromethane	TO15	1.00	1.1	4.3	ND	ND		04/16/24	17:10	BA	483249
1,2-Dibromoethane (EDB)	TO15	1.00	0.74	3.8	ND	ND		04/16/24	17:10	BA	483249
2-Hexanone	TO15	1.00	0.65	2.1	ND	ND		04/16/24	17:10	BA	483249
Ethyl Benzene	TO15	1.00	0.63	2.2	ND	ND		04/16/24	17:10	BA	483249
Chlorobenzene	TO15	1.00	0.60	2.3	ND	ND		04/16/24	17:10	BA	483249
1,1,1,2-Tetrachloroethane	TO15	1.00	0.84	3.4	ND	ND		04/16/24	17:10	BA	483249
m,p-Xylene	TO15	1.00	0.98	2.2	ND	ND		04/16/24	17:10	BA	483249
o-Xylene	TO15	1.00	0.30	2.2	ND	ND		04/16/24	17:10	BA	483249
Styrene	TO15	1.00	0.46	2.1	ND	ND		04/16/24	17:10	BA	483249
Bromoform	TO15	1.00	1.3	5.2	ND	ND		04/16/24	17:10	BA	483249
1,1,2,2-Tetrachloroethane	TO15	1.00	0.82	3.4	ND	ND		04/16/24	17:10	BA	483249
4-Ethyl Toluene	TO15	1.00	0.55	2.5	ND	ND		04/16/24	17:10	BA	483249
1,3,5-Trimethylbenzene	TO15	1.00	0.30	2.5	ND	ND		04/16/24	17:10	BA	483249
1,2,4-Trimethylbenzene	TO15	1.00	0.60	2.5	ND	ND		04/16/24	17:10	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-8-5'	**Lab Sample ID:**	2404148-003A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:18	**Certified Clean WO # :**	
Canister/Tube ID:	A12199	**Received PSI :**	11.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dichlorobenzene	TO15	1.00	0.75	3.0	ND	ND		04/16/24	17:10	BA	483249
1,3-Dichlorobenzene	TO15	1.00	1.3	3.0	ND	ND		04/16/24	17:10	BA	483249
1,2-Dichlorobenzene	TO15	1.00	1.1	3.0	ND	ND		04/16/24	17:10	BA	483249
Hexachlorobutadiene	TO15	1.00	1.9	5.3	ND	ND		04/16/24	17:10	BA	483249
1,2,4-Trichlorobenzene	TO15	1.00	2.2	3.7	ND	ND		04/16/24	17:10	BA	483249
Naphthalene	TO15	1.00	1.3	2.6	ND	ND		04/16/24	17:10	BA	483249
(S) 4-Bromofluorobenzene	TO15	1.00	50	150	96 %			04/16/24	17:10	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-8-15'	**Lab Sample ID:**	2404148-004A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:01	**Certified Clean WO # :**	
Canister/Tube ID:	R3555	**Received PSI :**	11.4
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	FG-P	**Prep Batch Date/Time:**	4/16/24 2:10:00PM
Prep Batch ID:	1159949	**Prep Analyst:**	ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	19.90	0.045	10.	ND	ND		04/16/24	20:39	ERESK	483259

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24 9:59:00AM
Prep Batch ID:	1159939	**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	1.10	1.7	2.7	ND	ND		04/16/24	19:59	BA	483249
1,1-Difluoroethane	TO15	1.10	0.38	15	ND	ND		04/16/24	19:59	BA	483249
1,2-Dichlorotetrafluoroethane	TO15	1.10	1.5	3.8	ND	ND		04/16/24	19:59	BA	483249
Chloromethane	TO15	1.10	2.3	4.6	ND	ND		04/16/24	19:59	BA	483249
Vinyl Chloride	TO15	1.10	0.25	1.4	ND	ND		04/16/24	19:59	BA	483249
1,3-Butadiene	TO15	1.10	0.37	1.2	ND	ND		04/16/24	19:59	BA	483249
Bromomethane	TO15	1.10	0.72	2.1	ND	ND		04/16/24	19:59	BA	483249
Chloroethane	TO15	1.10	0.89	1.5	ND	ND		04/16/24	19:59	BA	483249
Trichlorofluoromethane	TO15	1.10	0.61	3.1	ND	ND		04/16/24	19:59	BA	483249
1,1-Dichloroethene	TO15	1.10	0.91	2.2	ND	ND		04/16/24	19:59	BA	483249
Freon 113	TO15	1.10	1.1	4.2	ND	ND		04/16/24	19:59	BA	483249
Carbon Disulfide	TO15	1.10	0.41	1.7	4.8	1.54		04/16/24	19:59	BA	483249
2-Propanol (Isopropyl Alcohol)	TO15	1.10	1.4	14	ND	ND		04/16/24	19:59	BA	483249
Methylene Chloride	TO15	1.10	0.77	11	ND	ND		04/16/24	19:59	BA	483249
Acetone	TO15	1.10	0.43	13	24	10.08		04/16/24	19:59	BA	483249
trans-1,2-Dichloroethene	TO15	1.10	0.52	2.2	ND	ND		04/16/24	19:59	BA	483249
Hexane	TO15	1.10	0.51	1.9	ND	ND		04/16/24	19:59	BA	483249
MTBE	TO15	1.10	0.49	2.0	ND	ND		04/16/24	19:59	BA	483249
tert-Butanol	TO15	1.10	0.68	1.7	ND	ND		04/16/24	19:59	BA	483249
Diisopropyl ether (DIPE)	TO15	1.10	0.81	2.3	ND	ND		04/16/24	19:59	BA	483249
1,1-Dichloroethane	TO15	1.10	0.60	2.2	ND	ND		04/16/24	19:59	BA	483249
ETBE	TO15	1.10	0.36	2.3	ND	ND		04/16/24	19:59	BA	483249
cis-1,2-Dichloroethene	TO15	1.10	0.91	2.2	ND	ND		04/16/24	19:59	BA	483249
Chloroform	TO15	1.10	1.1	2.7	ND	ND		04/16/24	19:59	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-8-15'	**Lab Sample ID:**	2404148-004A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:01	**Certified Clean WO # :**	
Canister/Tube ID:	R3555	**Received PSI :**	11.4
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Vinyl Acetate	TO15	1.10	0.83	1.9	ND	ND		04/16/24	19:59	BA	483249
Carbon Tetrachloride	TO15	1.10	1.2	3.5	ND	ND		04/16/24	19:59	BA	483249
1,1,1-Trichloroethane	TO15	1.10	0.87	3.0	ND	ND		04/16/24	19:59	BA	483249
2-Butanone (MEK)	TO15	1.10	0.43	1.6	ND	ND		04/16/24	19:59	BA	483249
Ethyl Acetate	TO15	1.10	0.52	2.0	ND	ND		04/16/24	19:59	BA	483249
Tetrahydrofuran	TO15	1.10	0.49	1.6	ND	ND		04/16/24	19:59	BA	483249
Benzene	TO15	1.10	0.48	1.8	ND	ND		04/16/24	19:59	BA	483249
TAME	TO15	1.10	0.74	2.3	ND	ND		04/16/24	19:59	BA	483249
1,2-Dichloroethane (EDC)	TO15	1.10	0.46	2.2	ND	ND		04/16/24	19:59	BA	483249
Trichloroethylene	TO15	1.10	0.89	3.0	ND	ND		04/16/24	19:59	BA	483249
1,2-Dichloropropane	TO15	1.10	0.84	2.5	ND	ND		04/16/24	19:59	BA	483249
Bromodichloromethane	TO15	1.10	0.82	3.7	ND	ND		04/16/24	19:59	BA	483249
1,4-Dioxane	TO15	1.10	2.0	4.0	ND	ND		04/16/24	19:59	BA	483249
trans-1,3-Dichloropropene	TO15	1.10	1.2	2.5	ND	ND		04/16/24	19:59	BA	483249
Toluene	TO15	1.10	0.83	2.1	ND	ND		04/16/24	19:59	BA	483249
4-Methyl-2-Pentanone (MIBK)	TO15	1.10	0.82	2.3	ND	ND		04/16/24	19:59	BA	483249
cis-1,3-Dichloropropene	TO15	1.10	0.46	2.5	ND	ND		04/16/24	19:59	BA	483249
Tetrachloroethylene	TO15	1.10	1.6	3.7	ND	ND		04/16/24	19:59	BA	483249
1,1,2-Trichloroethane	TO15	1.10	0.64	3.0	ND	ND		04/16/24	19:59	BA	483249
Dibromochloromethane	TO15	1.10	1.2	4.7	ND	ND		04/16/24	19:59	BA	483249
1,2-Dibromoethane (EDB)	TO15	1.10	0.81	4.2	ND	ND		04/16/24	19:59	BA	483249
2-Hexanone	TO15	1.10	0.72	2.3	ND	ND		04/16/24	19:59	BA	483249
Ethyl Benzene	TO15	1.10	0.69	2.4	ND	ND		04/16/24	19:59	BA	483249
Chlorobenzene	TO15	1.10	0.66	2.5	ND	ND		04/16/24	19:59	BA	483249
1,1,1,2-Tetrachloroethane	TO15	1.10	0.92	3.8	ND	ND		04/16/24	19:59	BA	483249
m,p-Xylene	TO15	1.10	1.1	2.4	ND	ND		04/16/24	19:59	BA	483249
o-Xylene	TO15	1.10	0.33	2.4	ND	ND		04/16/24	19:59	BA	483249
Styrene	TO15	1.10	0.51	2.3	ND	ND		04/16/24	19:59	BA	483249
Bromoform	TO15	1.10	1.4	5.7	ND	ND		04/16/24	19:59	BA	483249
1,1,2,2-Tetrachloroethane	TO15	1.10	0.90	3.8	ND	ND		04/16/24	19:59	BA	483249
4-Ethyl Toluene	TO15	1.10	0.60	2.7	ND	ND		04/16/24	19:59	BA	483249
1,3,5-Trimethylbenzene	TO15	1.10	0.33	2.7	ND	ND		04/16/24	19:59	BA	483249
1,2,4-Trimethylbenzene	TO15	1.10	0.65	2.7	ND	ND		04/16/24	19:59	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-8-15'	**Lab Sample ID:**	2404148-004A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:01	**Certified Clean WO # :**	
Canister/Tube ID:	R3555	**Received PSI :**	11.4
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dichlorobenzene	TO15	1.10	0.82	3.3	ND	ND		04/16/24	19:59	BA	483249
1,3-Dichlorobenzene	TO15	1.10	1.5	3.3	ND	ND		04/16/24	19:59	BA	483249
1,2-Dichlorobenzene	TO15	1.10	1.2	3.3	ND	ND		04/16/24	19:59	BA	483249
Hexachlorobutadiene	TO15	1.10	2.0	5.9	ND	ND		04/16/24	19:59	BA	483249
1,2,4-Trichlorobenzene	TO15	1.10	2.4	4.1	ND	ND		04/16/24	19:59	BA	483249
Naphthalene	TO15	1.10	1.4	2.9	ND	ND		04/16/24	19:59	BA	483249
(S) 4-Bromofluorobenzene	TO15	1.10	50	150	93 %			04/16/24	19:59	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-9-5'	**Lab Sample ID:**	2404148-005A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 11:04	**Certified Clean WO # :**	
Canister/Tube ID:	A12248	**Received PSI :**	12.5
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	FG-P	**Prep Batch Date/Time:**	4/16/24 2:10:00PM
Prep Batch ID:	1159949	**Prep Analyst:**	ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	17.10	0.038	8.6	ND	ND		04/16/24	21:02	ERESK	483259

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24 9:59:00AM
Prep Batch ID:	1159939	**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	1.00	1.6	2.5	ND	ND		04/16/24	20:53	BA	483249
1,1-Difluoroethane	TO15	1.00	0.35	14	ND	ND		04/16/24	20:53	BA	483249
1,2-Dichlorotetrafluoroethane	TO15	1.00	1.4	3.5	ND	ND		04/16/24	20:53	BA	483249
Chloromethane	TO15	1.00	2.0	4.1	ND	ND		04/16/24	20:53	BA	483249
Vinyl Chloride	TO15	1.00	0.23	1.3	ND	ND		04/16/24	20:53	BA	483249
1,3-Butadiene	TO15	1.00	0.34	1.1	ND	ND		04/16/24	20:53	BA	483249
Bromomethane	TO15	1.00	0.66	1.9	ND	ND		04/16/24	20:53	BA	483249
Chloroethane	TO15	1.00	0.81	1.3	ND	ND		04/16/24	20:53	BA	483249
Trichlorofluoromethane	TO15	1.00	0.56	2.8	ND	ND		04/16/24	20:53	BA	483249
1,1-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/16/24	20:53	BA	483249
Freon 113	TO15	1.00	1.0	3.8	ND	ND		04/16/24	20:53	BA	483249
Carbon Disulfide	TO15	1.00	0.37	1.6	ND	ND		04/16/24	20:53	BA	483249
2-Propanol (Isopropyl Alcohol)	TO15	1.00	1.3	12	ND	ND		04/16/24	20:53	BA	483249
Methylene Chloride	TO15	1.00	0.70	10	ND	ND		04/16/24	20:53	BA	483249
Acetone	TO15	1.00	0.40	12	18	7.56		04/16/24	20:53	BA	483249
trans-1,2-Dichloroethene	TO15	1.00	0.48	2.0	ND	ND		04/16/24	20:53	BA	483249
Hexane	TO15	1.00	0.46	1.8	ND	ND		04/16/24	20:53	BA	483249
MTBE	TO15	1.00	0.44	1.8	ND	ND		04/16/24	20:53	BA	483249
tert-Butanol	TO15	1.00	0.62	1.5	5.3	1.75		04/16/24	20:53	BA	483249
Diisopropyl ether (DIPE)	TO15	1.00	0.74	2.1	ND	ND		04/16/24	20:53	BA	483249
1,1-Dichloroethane	TO15	1.00	0.54	2.0	ND	ND		04/16/24	20:53	BA	483249
ETBE	TO15	1.00	0.33	2.1	ND	ND		04/16/24	20:53	BA	483249
cis-1,2-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/16/24	20:53	BA	483249
Chloroform	TO15	1.00	0.97	2.4	ND	ND		04/16/24	20:53	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-9-5'	**Lab Sample ID:**	2404148-005A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 11:04	**Certified Clean WO # :**	
Canister/Tube ID:	A12248	**Received PSI :**	12.5
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Vinyl Acetate	TO15	1.00	0.76	1.8	ND	ND		04/16/24	20:53	BA	483249
Carbon Tetrachloride	TO15	1.00	1.1	3.1	ND	ND		04/16/24	20:53	BA	483249
1,1,1-Trichloroethane	TO15	1.00	0.79	2.7	ND	ND		04/16/24	20:53	BA	483249
2-Butanone (MEK)	TO15	1.00	0.39	1.5	ND	ND		04/16/24	20:53	BA	483249
Ethyl Acetate	TO15	1.00	0.48	1.8	ND	ND		04/16/24	20:53	BA	483249
Tetrahydrofuran	TO15	1.00	0.45	1.5	ND	ND		04/16/24	20:53	BA	483249
Benzene	TO15	1.00	0.44	1.6	ND	ND		04/16/24	20:53	BA	483249
TAME	TO15	1.00	0.67	2.1	ND	ND		04/16/24	20:53	BA	483249
1,2-Dichloroethane (EDC)	TO15	1.00	0.42	2.0	ND	ND		04/16/24	20:53	BA	483249
Trichloroethylene	TO15	1.00	0.81	2.7	ND	ND		04/16/24	20:53	BA	483249
1,2-Dichloropropane	TO15	1.00	0.76	2.3	ND	ND		04/16/24	20:53	BA	483249
Bromodichloromethane	TO15	1.00	0.74	3.4	ND	ND		04/16/24	20:53	BA	483249
1,4-Dioxane	TO15	1.00	1.8	3.6	ND	ND		04/16/24	20:53	BA	483249
trans-1,3-Dichloropropene	TO15	1.00	1.1	2.3	ND	ND		04/16/24	20:53	BA	483249
Toluene	TO15	1.00	0.75	1.9	ND	ND		04/16/24	20:53	BA	483249
4-Methyl-2-Pentanone (MIBK)	TO15	1.00	0.75	2.1	ND	ND		04/16/24	20:53	BA	483249
cis-1,3-Dichloropropene	TO15	1.00	0.42	2.3	ND	ND		04/16/24	20:53	BA	483249
Tetrachloroethylene	TO15	1.00	1.5	3.4	4.4	0.65		04/16/24	20:53	BA	483249
1,1,2-Trichloroethane	TO15	1.00	0.58	2.7	ND	ND		04/16/24	20:53	BA	483249
Dibromochloromethane	TO15	1.00	1.1	4.3	ND	ND		04/16/24	20:53	BA	483249
1,2-Dibromoethane (EDB)	TO15	1.00	0.74	3.8	ND	ND		04/16/24	20:53	BA	483249
2-Hexanone	TO15	1.00	0.65	2.1	ND	ND		04/16/24	20:53	BA	483249
Ethyl Benzene	TO15	1.00	0.63	2.2	ND	ND		04/16/24	20:53	BA	483249
Chlorobenzene	TO15	1.00	0.60	2.3	ND	ND		04/16/24	20:53	BA	483249
1,1,1,2-Tetrachloroethane	TO15	1.00	0.84	3.4	ND	ND		04/16/24	20:53	BA	483249
m,p-Xylene	TO15	1.00	0.98	2.2	ND	ND		04/16/24	20:53	BA	483249
o-Xylene	TO15	1.00	0.30	2.2	ND	ND		04/16/24	20:53	BA	483249
Styrene	TO15	1.00	0.46	2.1	ND	ND		04/16/24	20:53	BA	483249
Bromoform	TO15	1.00	1.3	5.2	ND	ND		04/16/24	20:53	BA	483249
1,1,2,2-Tetrachloroethane	TO15	1.00	0.82	3.4	ND	ND		04/16/24	20:53	BA	483249
4-Ethyl Toluene	TO15	1.00	0.55	2.5	ND	ND		04/16/24	20:53	BA	483249
1,3,5-Trimethylbenzene	TO15	1.00	0.30	2.5	ND	ND		04/16/24	20:53	BA	483249
1,2,4-Trimethylbenzene	TO15	1.00	0.60	2.5	ND	ND		04/16/24	20:53	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-9-5'	**Lab Sample ID:**	2404148-005A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 11:04	**Certified Clean WO # :**	
Canister/Tube ID:	A12248	**Received PSI :**	12.5
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dichlorobenzene	TO15	1.00	0.75	3.0	ND	ND		04/16/24	20:53	BA	483249
1,3-Dichlorobenzene	TO15	1.00	1.3	3.0	ND	ND		04/16/24	20:53	BA	483249
1,2-Dichlorobenzene	TO15	1.00	1.1	3.0	ND	ND		04/16/24	20:53	BA	483249
Hexachlorobutadiene	TO15	1.00	1.9	5.3	ND	ND		04/16/24	20:53	BA	483249
1,2,4-Trichlorobenzene	TO15	1.00	2.2	3.7	ND	ND		04/16/24	20:53	BA	483249
Naphthalene	TO15	1.00	1.3	2.6	ND	ND		04/16/24	20:53	BA	483249
(S) 4-Bromofluorobenzene	TO15	1.00	50	150	94 %			04/16/24	20:53	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-9-15'	**Lab Sample ID:**	2404148-006A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:45	**Certified Clean WO # :**	
Canister/Tube ID:	N3949	**Received PSI :**	13.0
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	FG-P	**Prep Batch Date/Time:**	4/16/24 2:10:00PM
Prep Batch ID:	1159949	**Prep Analyst:**	ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	14.60	0.033	7.3	ND	ND		04/17/24	13:23	ERESK	483259

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24 9:59:00AM
Prep Batch ID:	1159939	**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	1.00	1.6	2.5	ND	ND		04/17/24	6:36	BA	483249
1,1-Difluoroethane	TO15	1.00	0.35	14	ND	ND		04/17/24	6:36	BA	483249
1,2-Dichlorotetrafluoroethane	TO15	1.00	1.4	3.5	ND	ND		04/17/24	6:36	BA	483249
Chloromethane	TO15	1.00	2.0	4.1	ND	ND		04/17/24	6:36	BA	483249
Vinyl Chloride	TO15	1.00	0.23	1.3	ND	ND		04/17/24	6:36	BA	483249
1,3-Butadiene	TO15	1.00	0.34	1.1	ND	ND		04/17/24	6:36	BA	483249
Bromomethane	TO15	1.00	0.66	1.9	ND	ND		04/17/24	6:36	BA	483249
Chloroethane	TO15	1.00	0.81	1.3	ND	ND		04/17/24	6:36	BA	483249
Trichlorofluoromethane	TO15	1.00	0.56	2.8	ND	ND		04/17/24	6:36	BA	483249
1,1-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/17/24	6:36	BA	483249
Freon 113	TO15	1.00	1.0	3.8	ND	ND		04/17/24	6:36	BA	483249
Carbon Disulfide	TO15	1.00	0.37	1.6	9.2	2.96		04/17/24	6:36	BA	483249
2-Propanol (Isopropyl Alcohol)	TO15	1.00	1.3	12	ND	ND		04/17/24	6:36	BA	483249
Methylene Chloride	TO15	1.00	0.70	10	ND	ND		04/17/24	6:36	BA	483249
Acetone	TO15	1.00	0.40	12	13	5.46		04/17/24	6:36	BA	483249
trans-1,2-Dichloroethene	TO15	1.00	0.48	2.0	ND	ND		04/17/24	6:36	BA	483249
Hexane	TO15	1.00	0.46	1.8	ND	ND		04/17/24	6:36	BA	483249
MTBE	TO15	1.00	0.44	1.8	ND	ND		04/17/24	6:36	BA	483249
tert-Butanol	TO15	1.00	0.62	1.5	1.7	0.56		04/17/24	6:36	BA	483249
Diisopropyl ether (DIPE)	TO15	1.00	0.74	2.1	ND	ND		04/17/24	6:36	BA	483249
1,1-Dichloroethane	TO15	1.00	0.54	2.0	ND	ND		04/17/24	6:36	BA	483249
ETBE	TO15	1.00	0.33	2.1	ND	ND		04/17/24	6:36	BA	483249
cis-1,2-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/17/24	6:36	BA	483249
Chloroform	TO15	1.00	0.97	2.4	ND	ND		04/17/24	6:36	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-9-15'	**Lab Sample ID:**	2404148-006A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:45	**Certified Clean WO # :**	
Canister/Tube ID:	N3949	**Received PSI :**	13.0
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Vinyl Acetate	TO15	1.00	0.76	1.8	ND	ND		04/17/24	6:36	BA	483249
Carbon Tetrachloride	TO15	1.00	1.1	3.1	ND	ND		04/17/24	6:36	BA	483249
1,1,1-Trichloroethane	TO15	1.00	0.79	2.7	ND	ND		04/17/24	6:36	BA	483249
2-Butanone (MEK)	TO15	1.00	0.39	1.5	ND	ND		04/17/24	6:36	BA	483249
Ethyl Acetate	TO15	1.00	0.48	1.8	ND	ND		04/17/24	6:36	BA	483249
Tetrahydrofuran	TO15	1.00	0.45	1.5	ND	ND		04/17/24	6:36	BA	483249
Benzene	TO15	1.00	0.44	1.6	ND	ND		04/17/24	6:36	BA	483249
TAME	TO15	1.00	0.67	2.1	ND	ND		04/17/24	6:36	BA	483249
1,2-Dichloroethane (EDC)	TO15	1.00	0.42	2.0	ND	ND		04/17/24	6:36	BA	483249
Trichloroethylene	TO15	1.00	0.81	2.7	ND	ND		04/17/24	6:36	BA	483249
1,2-Dichloropropane	TO15	1.00	0.76	2.3	ND	ND		04/17/24	6:36	BA	483249
Bromodichloromethane	TO15	1.00	0.74	3.4	ND	ND		04/17/24	6:36	BA	483249
1,4-Dioxane	TO15	1.00	1.8	3.6	ND	ND		04/17/24	6:36	BA	483249
trans-1,3-Dichloropropene	TO15	1.00	1.1	2.3	ND	ND		04/17/24	6:36	BA	483249
Toluene	TO15	1.00	0.75	1.9	ND	ND		04/17/24	6:36	BA	483249
4-Methyl-2-Pentanone (MIBK)	TO15	1.00	0.75	2.1	ND	ND		04/17/24	6:36	BA	483249
cis-1,3-Dichloropropene	TO15	1.00	0.42	2.3	ND	ND		04/17/24	6:36	BA	483249
Tetrachloroethylene	TO15	1.00	1.5	3.4	ND	ND		04/17/24	6:36	BA	483249
1,1,2-Trichloroethane	TO15	1.00	0.58	2.7	ND	ND		04/17/24	6:36	BA	483249
Dibromochloromethane	TO15	1.00	1.1	4.3	ND	ND		04/17/24	6:36	BA	483249
1,2-Dibromoethane (EDB)	TO15	1.00	0.74	3.8	ND	ND		04/17/24	6:36	BA	483249
2-Hexanone	TO15	1.00	0.65	2.1	ND	ND		04/17/24	6:36	BA	483249
Ethyl Benzene	TO15	1.00	0.63	2.2	ND	ND		04/17/24	6:36	BA	483249
Chlorobenzene	TO15	1.00	0.60	2.3	ND	ND		04/17/24	6:36	BA	483249
1,1,1,2-Tetrachloroethane	TO15	1.00	0.84	3.4	ND	ND		04/17/24	6:36	BA	483249
m,p-Xylene	TO15	1.00	0.98	2.2	ND	ND		04/17/24	6:36	BA	483249
o-Xylene	TO15	1.00	0.30	2.2	ND	ND		04/17/24	6:36	BA	483249
Styrene	TO15	1.00	0.46	2.1	ND	ND		04/17/24	6:36	BA	483249
Bromoform	TO15	1.00	1.3	5.2	ND	ND		04/17/24	6:36	BA	483249
1,1,2,2-Tetrachloroethane	TO15	1.00	0.82	3.4	ND	ND		04/17/24	6:36	BA	483249
4-Ethyl Toluene	TO15	1.00	0.55	2.5	ND	ND		04/17/24	6:36	BA	483249
1,3,5-Trimethylbenzene	TO15	1.00	0.30	2.5	ND	ND		04/17/24	6:36	BA	483249
1,2,4-Trimethylbenzene	TO15	1.00	0.60	2.5	ND	ND		04/17/24	6:36	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-9-15'	**Lab Sample ID:**	2404148-006A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:45	**Certified Clean WO # :**	
Canister/Tube ID:	N3949	**Received PSI :**	13.0
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dichlorobenzene	TO15	1.00	0.75	3.0	ND	ND		04/17/24	6:36	BA	483249
1,3-Dichlorobenzene	TO15	1.00	1.3	3.0	ND	ND		04/17/24	6:36	BA	483249
1,2-Dichlorobenzene	TO15	1.00	1.1	3.0	ND	ND		04/17/24	6:36	BA	483249
Hexachlorobutadiene	TO15	1.00	1.9	5.3	ND	ND		04/17/24	6:36	BA	483249
1,2,4-Trichlorobenzene	TO15	1.00	2.2	3.7	ND	ND		04/17/24	6:36	BA	483249
Naphthalene	TO15	1.00	1.3	2.6	ND	ND		04/17/24	6:36	BA	483249
(S) 4-Bromofluorobenzene	TO15	1.00	50	150	100 %			04/17/24	6:36	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-10-5'	**Lab Sample ID:**	2404148-007A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 11:42	**Certified Clean WO # :**	
Canister/Tube ID:	A12244	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	FG-P	**Prep Batch Date/Time:**	4/16/24 2:10:00PM
Prep Batch ID:	1159949	**Prep Analyst:**	ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	18.50	0.041	9.3	2.2		J	04/17/24	13:33	ERESK	483259

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24 9:59:00AM
Prep Batch ID:	1159939	**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	1.10	1.7	2.7	ND	ND		04/17/24	7:36	BA	483249
1,1-Difluoroethane	TO15	1.10	0.38	15	ND	ND		04/17/24	7:36	BA	483249
1,2-Dichlorotetrafluoroethane	TO15	1.10	1.5	3.8	ND	ND		04/17/24	7:36	BA	483249
Chloromethane	TO15	1.10	2.3	4.6	ND	ND		04/17/24	7:36	BA	483249
Vinyl Chloride	TO15	1.10	0.25	1.4	ND	ND		04/17/24	7:36	BA	483249
1,3-Butadiene	TO15	1.10	0.37	1.2	ND	ND		04/17/24	7:36	BA	483249
Bromomethane	TO15	1.10	0.72	2.1	ND	ND		04/17/24	7:36	BA	483249
Chloroethane	TO15	1.10	0.89	1.5	ND	ND		04/17/24	7:36	BA	483249
Trichlorofluoromethane	TO15	1.10	0.61	3.1	ND	ND		04/17/24	7:36	BA	483249
1,1-Dichloroethene	TO15	1.10	0.91	2.2	ND	ND		04/17/24	7:36	BA	483249
Freon 113	TO15	1.10	1.1	4.2	ND	ND		04/17/24	7:36	BA	483249
Carbon Disulfide	TO15	1.10	0.41	1.7	2.4	0.77		04/17/24	7:36	BA	483249
2-Propanol (Isopropyl Alcohol)	TO15	1.10	1.4	14	ND	ND		04/17/24	7:36	BA	483249
Methylene Chloride	TO15	1.10	0.77	11	ND	ND		04/17/24	7:36	BA	483249
Acetone	TO15	1.10	0.43	13	26	10.92		04/17/24	7:36	BA	483249
trans-1,2-Dichloroethene	TO15	1.10	0.52	2.2	ND	ND		04/17/24	7:36	BA	483249
Hexane	TO15	1.10	0.51	1.9	ND	ND		04/17/24	7:36	BA	483249
MTBE	TO15	1.10	0.49	2.0	ND	ND		04/17/24	7:36	BA	483249
tert-Butanol	TO15	1.10	0.68	1.7	2.8	0.92		04/17/24	7:36	BA	483249
Diisopropyl ether (DIPE)	TO15	1.10	0.81	2.3	ND	ND		04/17/24	7:36	BA	483249
1,1-Dichloroethane	TO15	1.10	0.60	2.2	ND	ND		04/17/24	7:36	BA	483249
ETBE	TO15	1.10	0.36	2.3	ND	ND		04/17/24	7:36	BA	483249
cis-1,2-Dichloroethene	TO15	1.10	0.91	2.2	ND	ND		04/17/24	7:36	BA	483249
Chloroform	TO15	1.10	1.1	2.7	ND	ND		04/17/24	7:36	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-10-5'	**Lab Sample ID:**	2404148-007A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 11:42	**Certified Clean WO # :**	
Canister/Tube ID:	A12244	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Vinyl Acetate	TO15	1.10	0.83	1.9	ND	ND		04/17/24	7:36	BA	483249
Carbon Tetrachloride	TO15	1.10	1.2	3.5	ND	ND		04/17/24	7:36	BA	483249
1,1,1-Trichloroethane	TO15	1.10	0.87	3.0	ND	ND		04/17/24	7:36	BA	483249
2-Butanone (MEK)	TO15	1.10	0.43	1.6	ND	ND		04/17/24	7:36	BA	483249
Ethyl Acetate	TO15	1.10	0.52	2.0	ND	ND		04/17/24	7:36	BA	483249
Tetrahydrofuran	TO15	1.10	0.49	1.6	ND	ND		04/17/24	7:36	BA	483249
Benzene	TO15	1.10	0.48	1.8	ND	ND		04/17/24	7:36	BA	483249
TAME	TO15	1.10	0.74	2.3	ND	ND		04/17/24	7:36	BA	483249
1,2-Dichloroethane (EDC)	TO15	1.10	0.46	2.2	ND	ND		04/17/24	7:36	BA	483249
Trichloroethylene	TO15	1.10	0.89	3.0	ND	ND		04/17/24	7:36	BA	483249
1,2-Dichloropropane	TO15	1.10	0.84	2.5	ND	ND		04/17/24	7:36	BA	483249
Bromodichloromethane	TO15	1.10	0.82	3.7	ND	ND		04/17/24	7:36	BA	483249
1,4-Dioxane	TO15	1.10	2.0	4.0	ND	ND		04/17/24	7:36	BA	483249
trans-1,3-Dichloropropene	TO15	1.10	1.2	2.5	ND	ND		04/17/24	7:36	BA	483249
Toluene	TO15	1.10	0.83	2.1	ND	ND		04/17/24	7:36	BA	483249
4-Methyl-2-Pentanone (MIBK)	TO15	1.10	0.82	2.3	ND	ND		04/17/24	7:36	BA	483249
cis-1,3-Dichloropropene	TO15	1.10	0.46	2.5	ND	ND		04/17/24	7:36	BA	483249
Tetrachloroethylene	TO15	1.10	1.6	3.7	ND	ND		04/17/24	7:36	BA	483249
1,1,2-Trichloroethane	TO15	1.10	0.64	3.0	ND	ND		04/17/24	7:36	BA	483249
Dibromochloromethane	TO15	1.10	1.2	4.7	ND	ND		04/17/24	7:36	BA	483249
1,2-Dibromoethane (EDB)	TO15	1.10	0.81	4.2	ND	ND		04/17/24	7:36	BA	483249
2-Hexanone	TO15	1.10	0.72	2.3	ND	ND		04/17/24	7:36	BA	483249
Ethyl Benzene	TO15	1.10	0.69	2.4	ND	ND		04/17/24	7:36	BA	483249
Chlorobenzene	TO15	1.10	0.66	2.5	ND	ND		04/17/24	7:36	BA	483249
1,1,1,2-Tetrachloroethane	TO15	1.10	0.92	3.8	ND	ND		04/17/24	7:36	BA	483249
m,p-Xylene	TO15	1.10	1.1	2.4	ND	ND		04/17/24	7:36	BA	483249
o-Xylene	TO15	1.10	0.33	2.4	ND	ND		04/17/24	7:36	BA	483249
Styrene	TO15	1.10	0.51	2.3	ND	ND		04/17/24	7:36	BA	483249
Bromoform	TO15	1.10	1.4	5.7	ND	ND		04/17/24	7:36	BA	483249
1,1,2,2-Tetrachloroethane	TO15	1.10	0.90	3.8	ND	ND		04/17/24	7:36	BA	483249
4-Ethyl Toluene	TO15	1.10	0.60	2.7	ND	ND		04/17/24	7:36	BA	483249
1,3,5-Trimethylbenzene	TO15	1.10	0.33	2.7	ND	ND		04/17/24	7:36	BA	483249
1,2,4-Trimethylbenzene	TO15	1.10	0.65	2.7	ND	ND		04/17/24	7:36	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-10-5'	**Lab Sample ID:**	2404148-007A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 11:42	**Certified Clean WO # :**	
Canister/Tube ID:	A12244	**Received PSI :**	11.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dichlorobenzene	TO15	1.10	0.82	3.3	ND	ND		04/17/24	7:36	BA	483249
1,3-Dichlorobenzene	TO15	1.10	1.5	3.3	ND	ND		04/17/24	7:36	BA	483249
1,2-Dichlorobenzene	TO15	1.10	1.2	3.3	ND	ND		04/17/24	7:36	BA	483249
Hexachlorobutadiene	TO15	1.10	2.0	5.9	ND	ND		04/17/24	7:36	BA	483249
1,2,4-Trichlorobenzene	TO15	1.10	2.4	4.1	ND	ND		04/17/24	7:36	BA	483249
Naphthalene	TO15	1.10	1.4	2.9	ND	ND		04/17/24	7:36	BA	483249
(S) 4-Bromofluorobenzene	TO15	1.10	50	150	96 %			04/17/24	7:36	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG10-15'	**Lab Sample ID:**	2404148-008A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 12:00	**Certified Clean WO # :**	
Canister/Tube ID:	6319	**Received PSI :**	11.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	FG-P	**Prep Batch Date/Time:**	4/16/24 2:10:00PM
Prep Batch ID:	1159949	**Prep Analyst:**	ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	19.10	0.043	9.6	0.84		J	04/17/24	13:44	ERESK	483259

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24 9:59:00AM
Prep Batch ID:	1159939	**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	1.17	1.8	2.9	ND	ND		04/17/24	8:37	BA	483249
1,1-Difluoroethane	TO15	1.17	0.40	16	ND	ND		04/17/24	8:37	BA	483249
1,2-Dichlorotetrafluoroethane	TO15	1.17	1.6	4.1	ND	ND		04/17/24	8:37	BA	483249
Chloromethane	TO15	1.17	2.4	4.8	ND	ND		04/17/24	8:37	BA	483249
Vinyl Chloride	TO15	1.17	0.26	1.5	ND	ND		04/17/24	8:37	BA	483249
1,3-Butadiene	TO15	1.17	0.40	1.3	ND	ND		04/17/24	8:37	BA	483249
Bromomethane	TO15	1.17	0.77	2.3	ND	ND		04/17/24	8:37	BA	483249
Chloroethane	TO15	1.17	0.95	1.5	ND	ND		04/17/24	8:37	BA	483249
Trichlorofluoromethane	TO15	1.17	0.65	3.3	ND	ND		04/17/24	8:37	BA	483249
1,1-Dichloroethene	TO15	1.17	0.97	2.3	ND	ND		04/17/24	8:37	BA	483249
Freon 113	TO15	1.17	1.2	4.5	ND	ND		04/17/24	8:37	BA	483249
Carbon Disulfide	TO15	1.17	0.44	1.8	5.1	1.64		04/17/24	8:37	BA	483249
2-Propanol (Isopropyl Alcohol)	TO15	1.17	1.5	14	23	9.35		04/17/24	8:37	BA	483249
Methylene Chloride	TO15	1.17	0.82	12	ND	ND		04/17/24	8:37	BA	483249
Acetone	TO15	1.17	0.46	14	15	6.30		04/17/24	8:37	BA	483249
trans-1,2-Dichloroethene	TO15	1.17	0.56	2.3	ND	ND		04/17/24	8:37	BA	483249
Hexane	TO15	1.17	0.54	2.1	ND	ND		04/17/24	8:37	BA	483249
MTBE	TO15	1.17	0.52	2.1	ND	ND		04/17/24	8:37	BA	483249
tert-Butanol	TO15	1.17	0.72	1.8	2.8	0.92		04/17/24	8:37	BA	483249
Diisopropyl ether (DIPE)	TO15	1.17	0.86	2.4	ND	ND		04/17/24	8:37	BA	483249
1,1-Dichloroethane	TO15	1.17	0.64	2.4	ND	ND		04/17/24	8:37	BA	483249
ETBE	TO15	1.17	0.38	2.4	ND	ND		04/17/24	8:37	BA	483249
cis-1,2-Dichloroethene	TO15	1.17	0.97	2.3	ND	ND		04/17/24	8:37	BA	483249
Chloroform	TO15	1.17	1.1	2.9	ND	ND		04/17/24	8:37	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG10-15'	**Lab Sample ID:**	2404148-008A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 12:00	**Certified Clean WO # :**	
Canister/Tube ID:	6319	**Received PSI :**	11.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Vinyl Acetate	TO15	1.17	0.89	2.1	ND	ND		04/17/24	8:37	BA	483249
Carbon Tetrachloride	TO15	1.17	1.3	3.7	ND	ND		04/17/24	8:37	BA	483249
1,1,1-Trichloroethane	TO15	1.17	0.93	3.2	ND	ND		04/17/24	8:37	BA	483249
2-Butanone (MEK)	TO15	1.17	0.46	1.7	ND	ND		04/17/24	8:37	BA	483249
Ethyl Acetate	TO15	1.17	0.56	2.1	ND	ND		04/17/24	8:37	BA	483249
Tetrahydrofuran	TO15	1.17	0.52	1.7	ND	ND		04/17/24	8:37	BA	483249
Benzene	TO15	1.17	0.51	1.9	ND	ND		04/17/24	8:37	BA	483249
TAME	TO15	1.17	0.79	2.4	ND	ND		04/17/24	8:37	BA	483249
1,2-Dichloroethane (EDC)	TO15	1.17	0.49	2.4	ND	ND		04/17/24	8:37	BA	483249
Trichloroethylene	TO15	1.17	0.94	3.1	ND	ND		04/17/24	8:37	BA	483249
1,2-Dichloropropane	TO15	1.17	0.89	2.7	ND	ND		04/17/24	8:37	BA	483249
Bromodichloromethane	TO15	1.17	0.87	3.9	ND	ND		04/17/24	8:37	BA	483249
1,4-Dioxane	TO15	1.17	2.1	4.2	ND	ND		04/17/24	8:37	BA	483249
trans-1,3-Dichloropropene	TO15	1.17	1.2	2.7	ND	ND		04/17/24	8:37	BA	483249
Toluene	TO15	1.17	0.88	2.2	ND	ND		04/17/24	8:37	BA	483249
4-Methyl-2-Pentanone (MIBK)	TO15	1.17	0.87	2.4	ND	ND		04/17/24	8:37	BA	483249
cis-1,3-Dichloropropene	TO15	1.17	0.49	2.7	ND	ND		04/17/24	8:37	BA	483249
Tetrachloroethylene	TO15	1.17	1.7	4.0	5.9	0.87		04/17/24	8:37	BA	483249
1,1,2-Trichloroethane	TO15	1.17	0.68	3.2	ND	ND		04/17/24	8:37	BA	483249
Dibromochloromethane	TO15	1.17	1.3	5.0	ND	ND		04/17/24	8:37	BA	483249
1,2-Dibromoethane (EDB)	TO15	1.17	0.86	4.5	ND	ND		04/17/24	8:37	BA	483249
2-Hexanone	TO15	1.17	0.76	2.4	ND	ND		04/17/24	8:37	BA	483249
Ethyl Benzene	TO15	1.17	0.74	2.5	ND	ND		04/17/24	8:37	BA	483249
Chlorobenzene	TO15	1.17	0.70	2.7	ND	ND		04/17/24	8:37	BA	483249
1,1,1,2-Tetrachloroethane	TO15	1.17	0.98	4.0	ND	ND		04/17/24	8:37	BA	483249
m,p-Xylene	TO15	1.17	1.1	2.5	ND	ND		04/17/24	8:37	BA	483249
o-Xylene	TO15	1.17	0.36	2.5	ND	ND		04/17/24	8:37	BA	483249
Styrene	TO15	1.17	0.54	2.5	ND	ND		04/17/24	8:37	BA	483249
Bromoform	TO15	1.17	1.5	6.0	ND	ND		04/17/24	8:37	BA	483249
1,1,2,2-Tetrachloroethane	TO15	1.17	0.96	4.0	ND	ND		04/17/24	8:37	BA	483249
4-Ethyl Toluene	TO15	1.17	0.64	2.9	ND	ND		04/17/24	8:37	BA	483249
1,3,5-Trimethylbenzene	TO15	1.17	0.35	2.9	ND	ND		04/17/24	8:37	BA	483249
1,2,4-Trimethylbenzene	TO15	1.17	0.70	2.9	ND	ND		04/17/24	8:37	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG10-15'	**Lab Sample ID:**	2404148-008A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 12:00	**Certified Clean WO # :**	
Canister/Tube ID:	6319	**Received PSI :**	11.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dichlorobenzene	TO15	1.17	0.87	3.5	ND	ND		04/17/24	8:37	BA	483249
1,3-Dichlorobenzene	TO15	1.17	1.6	3.5	ND	ND		04/17/24	8:37	BA	483249
1,2-Dichlorobenzene	TO15	1.17	1.3	3.5	ND	ND		04/17/24	8:37	BA	483249
Hexachlorobutadiene	TO15	1.17	2.2	6.2	ND	ND		04/17/24	8:37	BA	483249
1,2,4-Trichlorobenzene	TO15	1.17	2.5	4.3	ND	ND		04/17/24	8:37	BA	483249
Naphthalene	TO15	1.17	1.5	3.1	ND	ND		04/17/24	8:37	BA	483249
(S) 4-Bromofluorobenzene	TO15	1.17	50	150	95 %			04/17/24	8:37	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-11-5'	**Lab Sample ID:**	2404148-009A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:43	**Certified Clean WO # :**	
Canister/Tube ID:	N3969	**Received PSI :**	12.3
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	FG-P	**Prep Batch Date/Time:**	4/16/24 2:10:00PM
Prep Batch ID:	1159949	**Prep Analyst:**	ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	10.40	0.023	5.2	ND	ND		04/17/24	13:54	ERESK	483259

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24 9:59:00AM
Prep Batch ID:	1159939	**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	1.00	1.6	2.5	ND	ND		04/17/24	9:17	BA	483249
1,1-Difluoroethane	TO15	1.00	0.35	14	ND	ND		04/17/24	9:17	BA	483249
1,2-Dichlorotetrafluoroethane	TO15	1.00	1.4	3.5	ND	ND		04/17/24	9:17	BA	483249
Chloromethane	TO15	1.00	2.0	4.1	ND	ND		04/17/24	9:17	BA	483249
Vinyl Chloride	TO15	1.00	0.23	1.3	ND	ND		04/17/24	9:17	BA	483249
1,3-Butadiene	TO15	1.00	0.34	1.1	ND	ND		04/17/24	9:17	BA	483249
Bromomethane	TO15	1.00	0.66	1.9	ND	ND		04/17/24	9:17	BA	483249
Chloroethane	TO15	1.00	0.81	1.3	ND	ND		04/17/24	9:17	BA	483249
Trichlorofluoromethane	TO15	1.00	0.56	2.8	ND	ND		04/17/24	9:17	BA	483249
1,1-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/17/24	9:17	BA	483249
Freon 113	TO15	1.00	1.0	3.8	ND	ND		04/17/24	9:17	BA	483249
Carbon Disulfide	TO15	1.00	0.37	1.6	2.0	0.64		04/17/24	9:17	BA	483249
2-Propanol (Isopropyl Alcohol)	TO15	1.00	1.3	12	24	9.76		04/17/24	9:17	BA	483249
Methylene Chloride	TO15	1.00	0.70	10	ND	ND		04/17/24	9:17	BA	483249
Acetone	TO15	1.00	0.40	12	24	10.08		04/17/24	9:17	BA	483249
trans-1,2-Dichloroethene	TO15	1.00	0.48	2.0	ND	ND		04/17/24	9:17	BA	483249
Hexane	TO15	1.00	0.46	1.8	ND	ND		04/17/24	9:17	BA	483249
MTBE	TO15	1.00	0.44	1.8	ND	ND		04/17/24	9:17	BA	483249
tert-Butanol	TO15	1.00	0.62	1.5	1.6	0.53		04/17/24	9:17	BA	483249
Diisopropyl ether (DIPE)	TO15	1.00	0.74	2.1	ND	ND		04/17/24	9:17	BA	483249
1,1-Dichloroethane	TO15	1.00	0.54	2.0	ND	ND		04/17/24	9:17	BA	483249
ETBE	TO15	1.00	0.33	2.1	ND	ND		04/17/24	9:17	BA	483249
cis-1,2-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/17/24	9:17	BA	483249
Chloroform	TO15	1.00	0.97	2.4	ND	ND		04/17/24	9:17	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-11-5'	**Lab Sample ID:**	2404148-009A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:43	**Certified Clean WO # :**	
Canister/Tube ID:	N3969	**Received PSI :**	12.3
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Vinyl Acetate	TO15	1.00	0.76	1.8	ND	ND		04/17/24	9:17	BA	483249
Carbon Tetrachloride	TO15	1.00	1.1	3.1	ND	ND		04/17/24	9:17	BA	483249
1,1,1-Trichloroethane	TO15	1.00	0.79	2.7	ND	ND		04/17/24	9:17	BA	483249
2-Butanone (MEK)	TO15	1.00	0.39	1.5	ND	ND		04/17/24	9:17	BA	483249
Ethyl Acetate	TO15	1.00	0.48	1.8	ND	ND		04/17/24	9:17	BA	483249
Tetrahydrofuran	TO15	1.00	0.45	1.5	ND	ND		04/17/24	9:17	BA	483249
Benzene	TO15	1.00	0.44	1.6	ND	ND		04/17/24	9:17	BA	483249
TAME	TO15	1.00	0.67	2.1	ND	ND		04/17/24	9:17	BA	483249
1,2-Dichloroethane (EDC)	TO15	1.00	0.42	2.0	ND	ND		04/17/24	9:17	BA	483249
Trichloroethylene	TO15	1.00	0.81	2.7	ND	ND		04/17/24	9:17	BA	483249
1,2-Dichloropropane	TO15	1.00	0.76	2.3	ND	ND		04/17/24	9:17	BA	483249
Bromodichloromethane	TO15	1.00	0.74	3.4	ND	ND		04/17/24	9:17	BA	483249
1,4-Dioxane	TO15	1.00	1.8	3.6	ND	ND		04/17/24	9:17	BA	483249
trans-1,3-Dichloropropene	TO15	1.00	1.1	2.3	ND	ND		04/17/24	9:17	BA	483249
Toluene	TO15	1.00	0.75	1.9	ND	ND		04/17/24	9:17	BA	483249
4-Methyl-2-Pentanone (MIBK)	TO15	1.00	0.75	2.1	ND	ND		04/17/24	9:17	BA	483249
cis-1,3-Dichloropropene	TO15	1.00	0.42	2.3	ND	ND		04/17/24	9:17	BA	483249
Tetrachloroethylene	TO15	1.00	1.5	3.4	ND	ND		04/17/24	9:17	BA	483249
1,1,2-Trichloroethane	TO15	1.00	0.58	2.7	ND	ND		04/17/24	9:17	BA	483249
Dibromochloromethane	TO15	1.00	1.1	4.3	ND	ND		04/17/24	9:17	BA	483249
1,2-Dibromoethane (EDB)	TO15	1.00	0.74	3.8	ND	ND		04/17/24	9:17	BA	483249
2-Hexanone	TO15	1.00	0.65	2.1	ND	ND		04/17/24	9:17	BA	483249
Ethyl Benzene	TO15	1.00	0.63	2.2	ND	ND		04/17/24	9:17	BA	483249
Chlorobenzene	TO15	1.00	0.60	2.3	ND	ND		04/17/24	9:17	BA	483249
1,1,1,2-Tetrachloroethane	TO15	1.00	0.84	3.4	ND	ND		04/17/24	9:17	BA	483249
m,p-Xylene	TO15	1.00	0.98	2.2	ND	ND		04/17/24	9:17	BA	483249
o-Xylene	TO15	1.00	0.30	2.2	ND	ND		04/17/24	9:17	BA	483249
Styrene	TO15	1.00	0.46	2.1	ND	ND		04/17/24	9:17	BA	483249
Bromoform	TO15	1.00	1.3	5.2	ND	ND		04/17/24	9:17	BA	483249
1,1,2,2-Tetrachloroethane	TO15	1.00	0.82	3.4	ND	ND		04/17/24	9:17	BA	483249
4-Ethyl Toluene	TO15	1.00	0.55	2.5	ND	ND		04/17/24	9:17	BA	483249
1,3,5-Trimethylbenzene	TO15	1.00	0.30	2.5	ND	ND		04/17/24	9:17	BA	483249
1,2,4-Trimethylbenzene	TO15	1.00	0.60	2.5	ND	ND		04/17/24	9:17	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-11-5'	**Lab Sample ID:**	2404148-009A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:43	**Certified Clean WO # :**	
Canister/Tube ID:	N3969	**Received PSI :**	12.3
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/16/24	9:59:00AM
Prep Batch ID:	1159939	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dichlorobenzene	TO15	1.00	0.75	3.0	ND	ND		04/17/24	9:17	BA	483249
1,3-Dichlorobenzene	TO15	1.00	1.3	3.0	ND	ND		04/17/24	9:17	BA	483249
1,2-Dichlorobenzene	TO15	1.00	1.1	3.0	ND	ND		04/17/24	9:17	BA	483249
Hexachlorobutadiene	TO15	1.00	1.9	5.3	ND	ND		04/17/24	9:17	BA	483249
1,2,4-Trichlorobenzene	TO15	1.00	2.2	3.7	ND	ND		04/17/24	9:17	BA	483249
Naphthalene	TO15	1.00	1.3	2.6	ND	ND		04/17/24	9:17	BA	483249
(S) 4-Bromofluorobenzene	TO15	1.00	50	150	94 %			04/17/24	9:17	BA	483249

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-11-15'	**Lab Sample ID:**	2404148-010A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 13:42	**Certified Clean WO # :**	
Canister/Tube ID:	R3592	**Received PSI :**	10.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	FG-P	**Prep Batch Date/Time:**	4/17/24 3:40:00PM
Prep Batch ID:	1159967	**Prep Analyst:**	ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	5.60	0.013	2.8	ND	ND		04/17/24	16:37	ERESK	483280

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/17/24 10:56:00AM
Prep Batch ID:	1159966	**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	1.00	1.6	2.5	ND	ND		04/17/24	14:12	BP	483279
1,1-Difluoroethane	TO15	1.00	0.35	14	ND	ND		04/17/24	14:12	BP	483279
1,2-Dichlorotetrafluoroethane	TO15	1.00	1.4	3.5	ND	ND		04/17/24	14:12	BP	483279
Chloromethane	TO15	1.00	2.0	4.1	ND	ND		04/17/24	14:12	BP	483279
Vinyl Chloride	TO15	1.00	0.23	1.3	ND	ND		04/17/24	14:12	BP	483279
1,3-Butadiene	TO15	1.00	0.34	1.1	ND	ND		04/17/24	14:12	BP	483279
Bromomethane	TO15	1.00	0.66	1.9	ND	ND		04/17/24	14:12	BP	483279
Chloroethane	TO15	1.00	0.81	1.3	ND	ND		04/17/24	14:12	BP	483279
Trichlorofluoromethane	TO15	1.00	0.56	2.8	ND	ND		04/17/24	14:12	BP	483279
1,1-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/17/24	14:12	BP	483279
Freon 113	TO15	1.00	1.0	3.8	ND	ND		04/17/24	14:12	BP	483279
Carbon Disulfide	TO15	1.00	0.37	1.6	12	3.86		04/17/24	14:12	BP	483279
2-Propanol (Isopropyl Alcohol)	TO15	1.00	1.3	12	130	52.85		04/17/24	14:12	BP	483279
Methylene Chloride	TO15	1.00	0.70	10	ND	ND		04/17/24	14:12	BP	483279
Acetone	TO15	1.00	0.40	12	96	40.34		04/17/24	14:12	BP	483279
trans-1,2-Dichloroethene	TO15	1.00	0.48	2.0	ND	ND		04/17/24	14:12	BP	483279
Hexane	TO15	1.00	0.46	1.8	ND	ND		04/17/24	14:12	BP	483279
MTBE	TO15	1.00	0.44	1.8	ND	ND		04/17/24	14:12	BP	483279
tert-Butanol	TO15	1.00	0.62	1.5	ND	ND		04/17/24	14:12	BP	483279
Diisopropyl ether (DIPE)	TO15	1.00	0.74	2.1	ND	ND		04/17/24	14:12	BP	483279
1,1-Dichloroethane	TO15	1.00	0.54	2.0	ND	ND		04/17/24	14:12	BP	483279
ETBE	TO15	1.00	0.33	2.1	ND	ND		04/17/24	14:12	BP	483279
cis-1,2-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/17/24	14:12	BP	483279
Chloroform	TO15	1.00	0.97	2.4	ND	ND		04/17/24	14:12	BP	483279

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-11-15'	**Lab Sample ID:**	2404148-010A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 13:42	**Certified Clean WO # :**	
Canister/Tube ID:	R3592	**Received PSI :**	10.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/17/24	10:56:00AM
Prep Batch ID:	1159966	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Vinyl Acetate	TO15	1.00	0.76	1.8	ND	ND		04/17/24	14:12	BP	483279
Carbon Tetrachloride	TO15	1.00	1.1	3.1	ND	ND		04/17/24	14:12	BP	483279
1,1,1-Trichloroethane	TO15	1.00	0.79	2.7	ND	ND		04/17/24	14:12	BP	483279
2-Butanone (MEK)	TO15	1.00	0.39	1.5	ND	ND		04/17/24	14:12	BP	483279
Ethyl Acetate	TO15	1.00	0.48	1.8	ND	ND		04/17/24	14:12	BP	483279
Tetrahydrofuran	TO15	1.00	0.45	1.5	ND	ND		04/17/24	14:12	BP	483279
Benzene	TO15	1.00	0.44	1.6	ND	ND		04/17/24	14:12	BP	483279
TAME	TO15	1.00	0.67	2.1	ND	ND		04/17/24	14:12	BP	483279
1,2-Dichloroethane (EDC)	TO15	1.00	0.42	2.0	ND	ND		04/17/24	14:12	BP	483279
Trichloroethylene	TO15	1.00	0.81	2.7	4.7	0.88		04/17/24	14:12	BP	483279
1,2-Dichloropropane	TO15	1.00	0.76	2.3	ND	ND		04/17/24	14:12	BP	483279
Bromodichloromethane	TO15	1.00	0.74	3.4	ND	ND		04/17/24	14:12	BP	483279
1,4-Dioxane	TO15	1.00	1.8	3.6	ND	ND		04/17/24	14:12	BP	483279
trans-1,3-Dichloropropene	TO15	1.00	1.1	2.3	ND	ND		04/17/24	14:12	BP	483279
Toluene	TO15	1.00	0.75	1.9	1.9	0.50		04/17/24	14:12	BP	483279
4-Methyl-2-Pentanone (MIBK)	TO15	1.00	0.75	2.1	ND	ND		04/17/24	14:12	BP	483279
cis-1,3-Dichloropropene	TO15	1.00	0.42	2.3	ND	ND		04/17/24	14:12	BP	483279
Tetrachloroethylene	TO15	1.00	1.5	3.4	3.5	0.52		04/17/24	14:12	BP	483279
1,1,2-Trichloroethane	TO15	1.00	0.58	2.7	ND	ND		04/17/24	14:12	BP	483279
Dibromochloromethane	TO15	1.00	1.1	4.3	ND	ND		04/17/24	14:12	BP	483279
1,2-Dibromoethane (EDB)	TO15	1.00	0.74	3.8	ND	ND		04/17/24	14:12	BP	483279
2-Hexanone	TO15	1.00	0.65	2.1	ND	ND		04/17/24	14:12	BP	483279
Ethyl Benzene	TO15	1.00	0.63	2.2	ND	ND		04/17/24	14:12	BP	483279
Chlorobenzene	TO15	1.00	0.60	2.3	ND	ND		04/17/24	14:12	BP	483279
1,1,1,2-Tetrachloroethane	TO15	1.00	0.84	3.4	ND	ND		04/17/24	14:12	BP	483279
m,p-Xylene	TO15	1.00	0.98	2.2	ND	ND		04/17/24	14:12	BP	483279
o-Xylene	TO15	1.00	0.30	2.2	ND	ND		04/17/24	14:12	BP	483279
Styrene	TO15	1.00	0.46	2.1	ND	ND		04/17/24	14:12	BP	483279
Bromoform	TO15	1.00	1.3	5.2	ND	ND		04/17/24	14:12	BP	483279
1,1,2,2-Tetrachloroethane	TO15	1.00	0.82	3.4	ND	ND		04/17/24	14:12	BP	483279
4-Ethyl Toluene	TO15	1.00	0.55	2.5	ND	ND		04/17/24	14:12	BP	483279
1,3,5-Trimethylbenzene	TO15	1.00	0.30	2.5	ND	ND		04/17/24	14:12	BP	483279
1,2,4-Trimethylbenzene	TO15	1.00	0.60	2.5	ND	ND		04/17/24	14:12	BP	483279

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-11-15'	**Lab Sample ID:**	2404148-010A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 13:42	**Certified Clean WO # :**	
Canister/Tube ID:	R3592	**Received PSI :**	10.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/17/24	10:56:00AM
Prep Batch ID:	1159966	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dichlorobenzene	TO15	1.00	0.75	3.0	ND	ND		04/17/24	14:12	BP	483279
1,3-Dichlorobenzene	TO15	1.00	1.3	3.0	ND	ND		04/17/24	14:12	BP	483279
1,2-Dichlorobenzene	TO15	1.00	1.1	3.0	ND	ND		04/17/24	14:12	BP	483279
Hexachlorobutadiene	TO15	1.00	1.9	5.3	ND	ND		04/17/24	14:12	BP	483279
1,2,4-Trichlorobenzene	TO15	1.00	2.2	3.7	ND	ND		04/17/24	14:12	BP	483279
Naphthalene	TO15	1.00	1.3	2.6	ND	ND		04/17/24	14:12	BP	483279
(S) 4-Bromofluorobenzene	TO15	1.00	50	150	94 %			04/17/24	14:12	BP	483279

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-12-5'	**Lab Sample ID:**	2404148-011A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:05	**Certified Clean WO # :**	
Canister/Tube ID:	A7461	**Received PSI :**	12.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	FG-P	**Prep Batch Date/Time:**	4/17/24 3:40:00PM
Prep Batch ID:	1159967	**Prep Analyst:**	ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	18.60	0.042	9.3	ND	ND		04/17/24	16:54	ERESK	483280

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/17/24 10:56:00AM
Prep Batch ID:	1159966	**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	1.06	1.7	2.6	ND	ND		04/17/24	15:13	BP	483279
1,1-Difluoroethane	TO15	1.06	0.37	14	ND	ND		04/17/24	15:13	BP	483279
1,2-Dichlorotetrafluoroethane	TO15	1.06	1.5	3.7	ND	ND		04/17/24	15:13	BP	483279
Chloromethane	TO15	1.06	2.2	4.4	ND	ND		04/17/24	15:13	BP	483279
Vinyl Chloride	TO15	1.06	0.24	1.4	ND	ND		04/17/24	15:13	BP	483279
1,3-Butadiene	TO15	1.06	0.36	1.2	ND	ND		04/17/24	15:13	BP	483279
Bromomethane	TO15	1.06	0.70	2.1	ND	ND		04/17/24	15:13	BP	483279
Chloroethane	TO15	1.06	0.86	1.4	ND	ND		04/17/24	15:13	BP	483279
Trichlorofluoromethane	TO15	1.06	0.59	3.0	ND	ND		04/17/24	15:13	BP	483279
1,1-Dichloroethene	TO15	1.06	0.88	2.1	ND	ND		04/17/24	15:13	BP	483279
Freon 113	TO15	1.06	1.1	4.1	ND	ND		04/17/24	15:13	BP	483279
Carbon Disulfide	TO15	1.06	0.40	1.6	3.7	1.19		04/17/24	15:13	BP	483279
2-Propanol (Isopropyl Alcohol)	TO15	1.06	1.4	13	34	13.82		04/17/24	15:13	BP	483279
Methylene Chloride	TO15	1.06	0.74	11	ND	ND		04/17/24	15:13	BP	483279
Acetone	TO15	1.06	0.42	13	16	6.72		04/17/24	15:13	BP	483279
trans-1,2-Dichloroethene	TO15	1.06	0.50	2.1	ND	ND		04/17/24	15:13	BP	483279
Hexane	TO15	1.06	0.49	1.9	ND	ND		04/17/24	15:13	BP	483279
MTBE	TO15	1.06	0.47	1.9	ND	ND		04/17/24	15:13	BP	483279
tert-Butanol	TO15	1.06	0.66	1.6	ND	ND		04/17/24	15:13	BP	483279
Diisopropyl ether (DIPE)	TO15	1.06	0.78	2.2	ND	ND		04/17/24	15:13	BP	483279
1,1-Dichloroethane	TO15	1.06	0.58	2.1	ND	ND		04/17/24	15:13	BP	483279
ETBE	TO15	1.06	0.35	2.2	ND	ND		04/17/24	15:13	BP	483279
cis-1,2-Dichloroethene	TO15	1.06	0.88	2.1	ND	ND		04/17/24	15:13	BP	483279
Chloroform	TO15	1.06	1.0	2.6	ND	ND		04/17/24	15:13	BP	483279

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-12-5'	**Lab Sample ID:**	2404148-011A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:05	**Certified Clean WO # :**	
Canister/Tube ID:	A7461	**Received PSI :**	12.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/17/24	10:56:00AM
Prep Batch ID:	1159966	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Vinyl Acetate	TO15	1.06	0.80	1.9	ND	ND		04/17/24	15:13	BP	483279
Carbon Tetrachloride	TO15	1.06	1.2	3.3	ND	ND		04/17/24	15:13	BP	483279
1,1,1-Trichloroethane	TO15	1.06	0.84	2.9	ND	ND		04/17/24	15:13	BP	483279
2-Butanone (MEK)	TO15	1.06	0.41	1.6	ND	ND		04/17/24	15:13	BP	483279
Ethyl Acetate	TO15	1.06	0.50	1.9	ND	ND		04/17/24	15:13	BP	483279
Tetrahydrofuran	TO15	1.06	0.48	1.6	ND	ND		04/17/24	15:13	BP	483279
Benzene	TO15	1.06	0.46	1.7	ND	ND		04/17/24	15:13	BP	483279
TAME	TO15	1.06	0.71	2.2	ND	ND		04/17/24	15:13	BP	483279
1,2-Dichloroethane (EDC)	TO15	1.06	0.45	2.1	ND	ND		04/17/24	15:13	BP	483279
Trichloroethylene	TO15	1.06	0.85	2.8	ND	ND		04/17/24	15:13	BP	483279
1,2-Dichloropropane	TO15	1.06	0.81	2.4	ND	ND		04/17/24	15:13	BP	483279
Bromodichloromethane	TO15	1.06	0.79	3.6	ND	ND		04/17/24	15:13	BP	483279
1,4-Dioxane	TO15	1.06	1.9	3.8	ND	ND		04/17/24	15:13	BP	483279
trans-1,3-Dichloropropene	TO15	1.06	1.1	2.4	ND	ND		04/17/24	15:13	BP	483279
Toluene	TO15	1.06	0.80	2.0	2.6	0.69		04/17/24	15:13	BP	483279
4-Methyl-2-Pentanone (MIBK)	TO15	1.06	0.79	2.2	ND	ND		04/17/24	15:13	BP	483279
cis-1,3-Dichloropropene	TO15	1.06	0.45	2.4	ND	ND		04/17/24	15:13	BP	483279
Tetrachloroethylene	TO15	1.06	1.5	3.6	4.1	0.60		04/17/24	15:13	BP	483279
1,1,2-Trichloroethane	TO15	1.06	0.62	2.9	ND	ND		04/17/24	15:13	BP	483279
Dibromochloromethane	TO15	1.06	1.2	4.5	ND	ND		04/17/24	15:13	BP	483279
1,2-Dibromoethane (EDB)	TO15	1.06	0.78	4.1	ND	ND		04/17/24	15:13	BP	483279
2-Hexanone	TO15	1.06	0.69	2.2	ND	ND		04/17/24	15:13	BP	483279
Ethyl Benzene	TO15	1.06	0.67	2.3	ND	ND		04/17/24	15:13	BP	483279
Chlorobenzene	TO15	1.06	0.63	2.4	ND	ND		04/17/24	15:13	BP	483279
1,1,1,2-Tetrachloroethane	TO15	1.06	0.89	3.6	ND	ND		04/17/24	15:13	BP	483279
m,p-Xylene	TO15	1.06	1.0	2.3	2.5	0.58		04/17/24	15:13	BP	483279
o-Xylene	TO15	1.06	0.32	2.3	ND	ND		04/17/24	15:13	BP	483279
Styrene	TO15	1.06	0.49	2.3	ND	ND		04/17/24	15:13	BP	483279
Bromoform	TO15	1.06	1.4	5.5	ND	ND		04/17/24	15:13	BP	483279
1,1,2,2-Tetrachloroethane	TO15	1.06	0.87	3.6	ND	ND		04/17/24	15:13	BP	483279
4-Ethyl Toluene	TO15	1.06	0.58	2.6	ND	ND		04/17/24	15:13	BP	483279
1,3,5-Trimethylbenzene	TO15	1.06	0.32	2.6	ND	ND		04/17/24	15:13	BP	483279
1,2,4-Trimethylbenzene	TO15	1.06	0.63	2.6	ND	ND		04/17/24	15:13	BP	483279

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-12-5'	**Lab Sample ID:**	2404148-011A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:05	**Certified Clean WO # :**	
Canister/Tube ID:	A7461	**Received PSI :**	12.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/17/24	10:56:00AM
Prep Batch ID:	1159966	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dichlorobenzene	TO15	1.06	0.79	3.2	ND	ND		04/17/24	15:13	BP	483279
1,3-Dichlorobenzene	TO15	1.06	1.4	3.2	ND	ND		04/17/24	15:13	BP	483279
1,2-Dichlorobenzene	TO15	1.06	1.1	3.2	ND	ND		04/17/24	15:13	BP	483279
Hexachlorobutadiene	TO15	1.06	2.0	5.7	ND	ND		04/17/24	15:13	BP	483279
1,2,4-Trichlorobenzene	TO15	1.06	2.3	3.9	ND	ND		04/17/24	15:13	BP	483279
Naphthalene	TO15	1.06	1.4	2.8	ND	ND		04/17/24	15:13	BP	483279
(S) 4-Bromofluorobenzene	TO15	1.06	50	150	95 %			04/17/24	15:13	BP	483279

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-12-15'	**Lab Sample ID:**	2404148-012A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:20	**Certified Clean WO # :**	
Canister/Tube ID:	A12257	**Received PSI :**	14.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	FG-P	**Prep Batch Date/Time:**	4/17/24 3:40:00PM
Prep Batch ID:	1159967	**Prep Analyst:**	ERESK

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	11.80	0.026	5.9	ND	ND		04/17/24	17:47	ERESK	483280

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/17/24 10:56:00AM
Prep Batch ID:	1159966	**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	1.00	1.6	2.5	ND	ND		04/17/24	15:57	BP	483279
1,1-Difluoroethane	TO15	1.00	0.35	14	ND	ND		04/17/24	15:57	BP	483279
1,2-Dichlorotetrafluoroethane	TO15	1.00	1.4	3.5	ND	ND		04/17/24	15:57	BP	483279
Chloromethane	TO15	1.00	2.0	4.1	ND	ND		04/17/24	15:57	BP	483279
Vinyl Chloride	TO15	1.00	0.23	1.3	ND	ND		04/17/24	15:57	BP	483279
1,3-Butadiene	TO15	1.00	0.34	1.1	ND	ND		04/17/24	15:57	BP	483279
Bromomethane	TO15	1.00	0.66	1.9	ND	ND		04/17/24	15:57	BP	483279
Chloroethane	TO15	1.00	0.81	1.3	ND	ND		04/17/24	15:57	BP	483279
Trichlorofluoromethane	TO15	1.00	0.56	2.8	3.1	0.55		04/17/24	15:57	BP	483279
1,1-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/17/24	15:57	BP	483279
Freon 113	TO15	1.00	1.0	3.8	ND	ND		04/17/24	15:57	BP	483279
Carbon Disulfide	TO15	1.00	0.37	1.6	65	20.90		04/17/24	15:57	BP	483279
2-Propanol (Isopropyl Alcohol)	TO15	1.00	1.3	12	24	9.76		04/17/24	15:57	BP	483279
Methylene Chloride	TO15	1.00	0.70	10	ND	ND		04/17/24	15:57	BP	483279
Acetone	TO15	1.00	0.40	12	39	16.39		04/17/24	15:57	BP	483279
trans-1,2-Dichloroethene	TO15	1.00	0.48	2.0	ND	ND		04/17/24	15:57	BP	483279
Hexane	TO15	1.00	0.46	1.8	ND	ND		04/17/24	15:57	BP	483279
MTBE	TO15	1.00	0.44	1.8	ND	ND		04/17/24	15:57	BP	483279
tert-Butanol	TO15	1.00	0.62	1.5	ND	ND		04/17/24	15:57	BP	483279
Diisopropyl ether (DIPE)	TO15	1.00	0.74	2.1	ND	ND		04/17/24	15:57	BP	483279
1,1-Dichloroethane	TO15	1.00	0.54	2.0	ND	ND		04/17/24	15:57	BP	483279
ETBE	TO15	1.00	0.33	2.1	ND	ND		04/17/24	15:57	BP	483279
cis-1,2-Dichloroethene	TO15	1.00	0.83	2.0	ND	ND		04/17/24	15:57	BP	483279
Chloroform	TO15	1.00	0.97	2.4	ND	ND		04/17/24	15:57	BP	483279

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-12-15'	**Lab Sample ID:**	2404148-012A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:20	**Certified Clean WO # :**	
Canister/Tube ID:	A12257	**Received PSI :**	14.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/17/24	10:56:00AM
Prep Batch ID:	1159966	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Vinyl Acetate	TO15	1.00	0.76	1.8	ND	ND		04/17/24	15:57	BP	483279
Carbon Tetrachloride	TO15	1.00	1.1	3.1	ND	ND		04/17/24	15:57	BP	483279
1,1,1-Trichloroethane	TO15	1.00	0.79	2.7	ND	ND		04/17/24	15:57	BP	483279
2-Butanone (MEK)	TO15	1.00	0.39	1.5	ND	ND		04/17/24	15:57	BP	483279
Ethyl Acetate	TO15	1.00	0.48	1.8	ND	ND		04/17/24	15:57	BP	483279
Tetrahydrofuran	TO15	1.00	0.45	1.5	ND	ND		04/17/24	15:57	BP	483279
Benzene	TO15	1.00	0.44	1.6	5.3	1.66		04/17/24	15:57	BP	483279
TAME	TO15	1.00	0.67	2.1	ND	ND		04/17/24	15:57	BP	483279
1,2-Dichloroethane (EDC)	TO15	1.00	0.42	2.0	ND	ND		04/17/24	15:57	BP	483279
Trichloroethylene	TO15	1.00	0.81	2.7	4.7	0.88		04/17/24	15:57	BP	483279
1,2-Dichloropropane	TO15	1.00	0.76	2.3	ND	ND		04/17/24	15:57	BP	483279
Bromodichloromethane	TO15	1.00	0.74	3.4	ND	ND		04/17/24	15:57	BP	483279
1,4-Dioxane	TO15	1.00	1.8	3.6	ND	ND		04/17/24	15:57	BP	483279
trans-1,3-Dichloropropene	TO15	1.00	1.1	2.3	ND	ND		04/17/24	15:57	BP	483279
Toluene	TO15	1.00	0.75	1.9	6.4	1.70		04/17/24	15:57	BP	483279
4-Methyl-2-Pentanone (MIBK)	TO15	1.00	0.75	2.1	ND	ND		04/17/24	15:57	BP	483279
cis-1,3-Dichloropropene	TO15	1.00	0.42	2.3	ND	ND		04/17/24	15:57	BP	483279
Tetrachloroethylene	TO15	1.00	1.5	3.4	ND	ND		04/17/24	15:57	BP	483279
1,1,2-Trichloroethane	TO15	1.00	0.58	2.7	ND	ND		04/17/24	15:57	BP	483279
Dibromochloromethane	TO15	1.00	1.1	4.3	ND	ND		04/17/24	15:57	BP	483279
1,2-Dibromoethane (EDB)	TO15	1.00	0.74	3.8	ND	ND		04/17/24	15:57	BP	483279
2-Hexanone	TO15	1.00	0.65	2.1	ND	ND		04/17/24	15:57	BP	483279
Ethyl Benzene	TO15	1.00	0.63	2.2	ND	ND		04/17/24	15:57	BP	483279
Chlorobenzene	TO15	1.00	0.60	2.3	ND	ND		04/17/24	15:57	BP	483279
1,1,1,2-Tetrachloroethane	TO15	1.00	0.84	3.4	ND	ND		04/17/24	15:57	BP	483279
m,p-Xylene	TO15	1.00	0.98	2.2	4.4	1.01		04/17/24	15:57	BP	483279
o-Xylene	TO15	1.00	0.30	2.2	ND	ND		04/17/24	15:57	BP	483279
Styrene	TO15	1.00	0.46	2.1	ND	ND		04/17/24	15:57	BP	483279
Bromoform	TO15	1.00	1.3	5.2	ND	ND		04/17/24	15:57	BP	483279
1,1,2,2-Tetrachloroethane	TO15	1.00	0.82	3.4	ND	ND		04/17/24	15:57	BP	483279
4-Ethyl Toluene	TO15	1.00	0.55	2.5	ND	ND		04/17/24	15:57	BP	483279
1,3,5-Trimethylbenzene	TO15	1.00	0.30	2.5	ND	ND		04/17/24	15:57	BP	483279
1,2,4-Trimethylbenzene	TO15	1.00	0.60	2.5	ND	ND		04/17/24	15:57	BP	483279

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Nick Woods
AEI Consultants

Date/Time Received: 04/15/24, 2:31 pm
Date Reported: 04/19/24

Client Sample ID:	AEI SG-12-15'	**Lab Sample ID:**	2404148-012A
Project Name/Location:	Danco Communities	**Sample Matrix:**	Air
Project Number:	487289		
Date/Time Sampled:	04/15/24 / 10:20	**Certified Clean WO # :**	
Canister/Tube ID:	A12257	**Received PSI :**	14.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	4/17/24	10:56:00AM
Prep Batch ID:	1159966	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,4-Dichlorobenzene	TO15	1.00	0.75	3.0	ND	ND		04/17/24	15:57	BP	483279
1,3-Dichlorobenzene	TO15	1.00	1.3	3.0	ND	ND		04/17/24	15:57	BP	483279
1,2-Dichlorobenzene	TO15	1.00	1.1	3.0	ND	ND		04/17/24	15:57	BP	483279
Hexachlorobutadiene	TO15	1.00	1.9	5.3	ND	ND		04/17/24	15:57	BP	483279
1,2,4-Trichlorobenzene	TO15	1.00	2.2	3.7	ND	ND		04/17/24	15:57	BP	483279
Naphthalene	TO15	1.00	1.3	2.6	ND	ND		04/17/24	15:57	BP	483279
(S) 4-Bromofluorobenzene	TO15	1.00	50	150	100 %			04/17/24	15:57	BP	483279

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404148	**Prep Method:**	TO15-P	**Prep Date:**	04/16/24	**Prep Batch:**	1159939
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	4/16/2024	**Analytical Batch:**	483249
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.32	0.50	ND	
1,1-Difluoroethane	0.13	5.0	ND	
1,2-Dichlorotetrafluoroethane	0.20	0.50	ND	
Chloromethane	0.99	2.0	ND	
Vinyl Chloride	0.088	0.50	ND	
1,3-Butadiene	0.15	0.50	ND	
Bromomethane	0.17	0.50	0.19	
Chloroethane	0.31	0.50	ND	
Trichlorofluoromethane	0.099	0.50	ND	
1,1-Dichloroethene	0.21	0.50	ND	
Freon 113	0.13	0.50	ND	
Carbon Disulfide	0.12	0.50	ND	
2-Propanol (Isopropyl Alcohol)	0.52	5.0	ND	
Methylene Chloride	0.20	3.0	ND	
Acetone	0.17	5.0	ND	
trans-1,2-Dichloroethene	0.12	0.50	ND	
Hexane	0.13	0.50	ND	
MTBE	0.12	0.50	ND	
tert-Butanol	0.20	0.50	ND	
Diisopropyl ether (DIPE)	0.18	0.50	ND	
1,1-Dichloroethane	0.13	0.50	ND	
ETBE	0.078	0.50	ND	
cis-1,2-Dichloroethene	0.21	0.50	ND	
Chloroform	0.20	0.50	ND	
Vinyl Acetate	0.22	0.50	ND	
Carbon Tetrachloride	0.18	0.50	ND	
1,1,1-Trichloroethane	0.15	0.50	ND	
2-Butanone (MEK)	0.13	0.50	0.20	
Ethyl Acetate	0.13	0.50	ND	
Tetrahydrofuran	0.15	0.50	ND	
Benzene	0.14	0.50	ND	
TAME	0.16	0.50	ND	
1,2-Dichloroethane (EDC)	0.10	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
1,2-Dichloropropane	0.17	0.50	ND	
Bromodichloromethane	0.11	0.50	ND	
1,4-Dioxane	0.50	1.0	ND	
trans-1,3-Dichloropropene	0.23	0.50	ND	
Toluene	0.20	0.50	ND	
4-Methyl-2-Pentanone (MIBK)	0.18	0.50	ND	
cis-1,3-Dichloropropene	0.093	0.50	ND	
Tetrachloroethylene	0.22	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404148	**Prep Method:**	TO15-P	**Prep Date:**	04/16/24	**Prep Batch:**	1159939
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	4/16/2024	**Analytical Batch:**	483249
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	
2-Hexanone	0.16	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
Chlorobenzene	0.13	0.50	ND	
1,1,1,2-Tetrachloroethane	0.12	0.50	ND	
m,p-Xylene	0.23	0.50	ND	
o-Xylene	0.070	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.13	0.50	ND	
1,1,2,2-Tetrachloroethane	0.12	0.50	ND	
4-Ethyl Toluene	0.11	0.50	ND	
1,3,5-Trimethylbenzene	0.061	0.50	ND	
1,2,4-Trimethylbenzene	0.12	0.50	ND	
1,4-Dichlorobenzene	0.12	0.50	ND	
1,3-Dichlorobenzene	0.22	0.50	ND	
1,2-Dichlorobenzene	0.18	0.50	ND	
Hexachlorobutadiene	0.17	0.50	ND	
1,2,4-Trichlorobenzene	0.29	0.50	ND	
Naphthalene	0.24	0.50	ND	
Cyclohexane	0.50	0.50	ND	
Benzyl Chloride	0.20	0.50	ND	
Heptane	0.13	0.50	ND	
(S) 4-Bromofluorobenzene			91	

Work Order:	2404148	**Prep Method:**	FG-P	**Prep Date:**	04/16/24	**Prep Batch:**	1159949
Matrix:	Air	**Analytical Method:**	D1946	**Analyzed Date:**	4/16/2024	**Analytical Batch:**	483259
Units:	ppmv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Helium	22	5000	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404148	**Prep Method:**	TO15-P	**Prep Date:**	04/17/24	**Prep Batch:**	1159966
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	4/17/2024	**Analytical Batch:**	483279
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.32	0.50	ND	
1,1-Difluoroethane	0.13	5.0	ND	
1,2-Dichlorotetrafluoroethane	0.20	0.50	ND	
Chloromethane	0.99	2.0	ND	
Vinyl Chloride	0.088	0.50	ND	
1,3-Butadiene	0.15	0.50	ND	
Bromomethane	0.17	0.50	ND	
Chloroethane	0.31	0.50	ND	
Trichlorofluoromethane	0.099	0.50	ND	
1,1-Dichloroethene	0.21	0.50	ND	
Freon 113	0.13	0.50	ND	
Carbon Disulfide	0.12	0.50	ND	
2-Propanol (Isopropyl Alcohol)	0.52	5.0	ND	
Methylene Chloride	0.20	3.0	ND	
Acetone	0.17	5.0	ND	
trans-1,2-Dichloroethene	0.12	0.50	ND	
Hexane	0.13	0.50	ND	
MTBE	0.12	0.50	ND	
tert-Butanol	0.20	0.50	ND	
Diisopropyl ether (DIPE)	0.18	0.50	ND	
1,1-Dichloroethane	0.13	0.50	ND	
ETBE	0.078	0.50	ND	
cis-1,2-Dichloroethene	0.21	0.50	ND	
Chloroform	0.20	0.50	ND	
Vinyl Acetate	0.22	0.50	ND	
Carbon Tetrachloride	0.18	0.50	ND	
1,1,1-Trichloroethane	0.15	0.50	ND	
2-Butanone (MEK)	0.13	0.50	0.21	
Ethyl Acetate	0.13	0.50	ND	
Tetrahydrofuran	0.15	0.50	ND	
Benzene	0.14	0.50	ND	
TAME	0.16	0.50	ND	
1,2-Dichloroethane (EDC)	0.10	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
1,2-Dichloropropane	0.17	0.50	ND	
Bromodichloromethane	0.11	0.50	ND	
1,4-Dioxane	0.50	1.0	ND	
trans-1,3-Dichloropropene	0.23	0.50	ND	
Toluene	0.20	0.50	ND	
4-Methyl-2-Pentanone (MIBK)	0.18	0.50	ND	
cis-1,3-Dichloropropene	0.093	0.50	ND	
Tetrachloroethylene	0.22	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2404148	**Prep Method:**	TO15-P	**Prep Date:**	04/17/24	**Prep Batch:**	1159966
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	4/17/2024	**Analytical Batch:**	483279
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	
2-Hexanone	0.16	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
Chlorobenzene	0.13	0.50	ND	
1,1,1,2-Tetrachloroethane	0.12	0.50	ND	
m,p-Xylene	0.23	0.50	ND	
o-Xylene	0.070	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.13	0.50	ND	
1,1,2,2-Tetrachloroethane	0.12	0.50	ND	
4-Ethyl Toluene	0.11	0.50	ND	
1,3,5-Trimethylbenzene	0.061	0.50	ND	
1,2,4-Trimethylbenzene	0.12	0.50	ND	
1,4-Dichlorobenzene	0.12	0.50	ND	
1,3-Dichlorobenzene	0.22	0.50	ND	
1,2-Dichlorobenzene	0.18	0.50	ND	
Hexachlorobutadiene	0.17	0.50	ND	
1,2,4-Trichlorobenzene	0.29	0.50	ND	
Naphthalene	0.24	0.50	ND	
Cyclohexane	0.50	0.50	ND	
Benzyl Chloride	0.20	0.50	ND	
Heptane	0.13	0.50	ND	
(S) 4-Bromofluorobenzene			94	

Work Order:	2404148	**Prep Method:**	FG-P	**Prep Date:**	04/17/24	**Prep Batch:**	1159967
Matrix:	Air	**Analytical Method:**	D1946	**Analyzed Date:**	4/17/2024	**Analytical Batch:**	483280
Units:	ppmv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Helium	22	5000	ND	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2404148	**Prep Method:**	TO15-P	**Prep Date:**	04/16/24	**Prep Batch:**	1159939
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	4/16/2024	**Analytical Batch:**	483249
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.21	0.50	ND	8.00	93.9	93.3	0.801	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	80.3	87.5	8.49	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	87.9	91.8	4.45	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	78.0	90.0	14.3	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	77.8	90.2	14.7	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	104	101		50 - 150		

Work Order:	2404148	**Prep Method:**	FG-P	**Prep Date:**	04/16/24	**Prep Batch:**	1159949
Matrix:	Air	**Analytical Method:**	D1946	**Analyzed Date:**	4/17/2024	**Analytical Batch:**	483259
Units:	ppmv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Helium	22	100	ND	5000	106	105	0.756	65 - 135	30	

Work Order:	2404148	**Prep Method:**	TO15-P	**Prep Date:**	04/17/24	**Prep Batch:**	1159966
Matrix:	Air	**Analytical Method:**	TO15	**Analyzed Date:**	4/17/2024	**Analytical Batch:**	483279
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.21	0.50	ND	8.00	98.1	99.9	1.77	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	93.0	91.3	1.76	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	94.1	92.4	1.88	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	92.8	93.7	0.939	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	95.7	92.1	3.86	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	98.0	98.2		50 - 150		

Work Order:	2404148	**Prep Method:**	FG-P	**Prep Date:**	04/17/24	**Prep Batch:**	1159967
Matrix:	Air	**Analytical Method:**	D1946	**Analyzed Date:**	4/18/2024	**Analytical Batch:**	483280
Units:	ppmv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Helium	22	100	ND	5000	96.6	91.1	5.97	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: Danco Communities

Work Order No.: 2404148

Date and Time Received: 4/15/2024 2:31:00PM

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: Danco Communities
Project # : 487289
Report Due Date: 4/19/2024
QC Level: II
TAT Requested: 5+ day:5
Date Received: 4/15/2024
Time Received: 2:31 pm

Comments:

Work Order # : ***2404148***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2404148-001A	AEI SG-7-5'	04/15/24 11:53	Air				VOC_A_TO15 VOC_A_FG D1946	
2404148-002A	AEI SG-7-15'	04/15/24 11:34	Air				VOC_A_TO15 VOC_A_FG D1946	
2404148-003A	AEI SG-8-5'	04/15/24 10:18	Air				VOC_A_TO15 VOC_A_FG D1946	
2404148-004A	AEI SG-8-15'	04/15/24 10:01	Air				VOC_A_FG D1946 VOC_A_TO15	
2404148-005A	AEI SG-9-5'	04/15/24 11:04	Air				VOC_A_TO15 VOC_A_FG D1946	
2404148-006A	AEI SG-9-15'	04/15/24 10:45	Air				VOC_A_TO15 VOC_A_FG D1946	
2404148-007A	AEI SG-10-5'	04/15/24 11:42	Air				VOC_A_FG D1946 VOC_A_TO15	
2404148-008A	AEI SG10-15'	04/15/24 12:00	Air				VOC_A_FG D1946 VOC_A_TO15	
2404148-009A	AEI SG-11-5'	04/15/24 10:43	Air				VOC_A_TO15 VOC_A_FG D1946	
2404148-010A	AEI SG-11-15'	04/15/24 13:42	Air				VOC_A_TO15 VOC_A_FG D1946	
2404148-011A	AEI SG-12-5'	04/15/24 10:05	Air				VOC_A_FG D1946 VOC_A_TO15	
2404148-012A	AEI SG-12-15'	04/15/24 10:20	Air				VOC_A_TO15 VOC_A_FG D1946	

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: 2404148

Company Name: AEI Consultants	☑ Env. ☐ Non Env.		Project #: 487289 PO#: 362748
Address: 2500 Camino Diablo			Project Name: Danco Communities
City: Walnut Creek	State: CA	Zip Code: 94597	Comments: GlobalTracker ID No. T10000021217
Telephone: 925-746-6000	Cell: 925-321-3561		SAMPLER: Nick W. / Sam G.
REPORT TO: Nick Woods	BILL TO: AEI Consultants		EMAIL: nwoods@aeiconsultants.com, Twelse@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	OCPs (low level) 8081	RCRA 8 Metals 6010/6020	Initial Vac. ("Hg)	Final Vac. ("Hg)	Flow Controller #	TO 15	Helium ASTM D 1946-90		REMARKS
-001A	N3991	AEI SG-7-5'	4/15/24 11:53	Air	1	1L Summa				-28.0	-4.0	OE-28	X	X		
-002A	A12210	AEI SG-7-15'	11:34							-29.0	-5.0	OE-138	X	X		
-003A	A12199	AEI SG-8-5'	10:18							-28.0	-5.0	OE-141	X	X		
-004A	R3555	AEI SG-8-15'	10:01							-28.0	-5.0	OE-131	X	X		
-005A	A12248	AEI SG-9-5'	11:04							-29.5	-5.0	OE-42	X	X		
-006A	N3949	AEI SG-9-15'	10:45							-28.5	-5.0	OE-2	X	X		
-007A	A12244	AEI SG-10-5'	11:42							-28.0	-5.0	OE-110	X	X		
-008A	6319	AEI SG-10-15'	12:00							-25.0	-5.0	OE-137	X	X		
-009A	N3969	AEI SG-11-5'	10:43							-26.0	-5.0	OE-72	X	X		
-010A	R3592	AEI SG-11-15'	13:42							-27.0	-5.0	OE-111	X	X		

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	Nick Woods	Nick Woods	4/15/24	14:31		L.D. Imbat	4-15-24	1631
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Cooler Temperature _____ °C Samples Received on ice? Yes ☑ No ☐ Method of Shipment D/O

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

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

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Reed canister @ ambient temp

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Reset

CHAIN OF CUSTODY

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

LAB WORK ORDER NO: 2404148

Company Name: AEI Consultants ☑ Env. ☐ Non Env.			Project #: 487289 PO#: 362748
Address: 2500 Camino Diablo			Project Name: Danco Communities
City: Walnut Creek	State: CA	Zip Code: 94597	Comments: GlobalTracker ID No. T10000021217
Telephone: 925-746-6000	Cell: 925-321-3561		SAMPLER: Nick W.
REPORT TO: Nick Woods	BILL TO: AEI Consultants		EMAIL: nwoods@aeiconsultants.com & tweisc@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	OCPs (low level) 8081	RCRA 8 Metals 6010/6020	Initial Vac. ("Hg)	Final Vac. ("Hg)	Flow Controller #	TO 15	Helium ASTM D 1946-90	REMARKS
-011A	A7461	AEI SG-12-5'	4/15/24 10:05	Air	1	1L Summa				-25.0	-5.0	DE-6	X	X	
-012A	A12257	AEI SG-12-15'	4/15/24 10:20	Air	1	1L Summa				-28.0	0	DE-5	X	X	

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1		Nick Woods	4/15/24	14:31		L. D. Tuba	4-15-24	1431
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Cooler Temperature _____ °C Samples Received on ice? Yes ☑ No ☐ Method of Shipment D/D

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

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

Reed canister @ ambient temp

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