REVISION LOG
ORIGINAL MARCH 18, 2025 AND REVISION 1 MARCH 27, 2025
SUMMARY OF LIMITED SOIL AND INDOOR AIR AND DUST INVESTIGATION

Page	LOCATION	EDIT	DISCUSSION
5	Paragraph 27	Correction to value of lead from 0.87 ug/ft2 to 75.25 ug/ft2. Added highest level of arsenic in dust value and location.	Correction to conversion calculation. Added to provide additional clarity.
5	Paragraphs 27-28	Added additional discussion and clarification of EPA Dust Lead Action Levels for floors and window troughs.	Revised discussion of EPA lead action levels. Split text into two paragraphs to allow for additional discussion and clarity of EPA Dust Lead Action Levels. Includes general edits to sentence structure and position, phrasing, and grammar to improve clarity.
5	Paragraph 29	Removed first sentence "arsenic was detected…"	Removed since arsenic value was added to Paragraph 27.
5	Paragraph 29	Added average values of lead and arsenic in dust and soil.	Added to provide clarification of values used to develop lead/arsenic ratios.
5	Paragraph 31	Added citation EPA 1998.	Citation missing.
6	Paragraph 40	Added citation Terraphase 2019 and Bader 2024	Added to clarify source of pre-fire soil sample data.
6	Paragraph 41	Revised first sentence to reference EPA threshold for lead in indoor dust in window troughs.	Revised to reflect changes made in Paragraphs 27 and 28.
7	Paragraph 43	Removed the word "active"	Removed for clarity.

*Paragraph locations based on location in revised report.

March 27, 2025

Mr. Filmon Tesfaslasie
Los Angeles Unified School District
Office of Environmental Health and Safety
333 South Beaudry Avenue, 21st Floor
Los Angeles, California 90017

Via Email: cp-f.tesfaslasie@lausd.net

SITE: CANYON CHARTER ELEMENTARY
421 ENTRADA DRIVE
SANTA MONICA, CALIFORNIA 90402

RE: SUMMARY OF LIMITED SOIL SAMPLING AND INDOOR AIR AND DUST INVESTIGATION (REVISION 1)

Dear Mr. Tesfaslasie:

TRC Solutions, Inc. (TRC) is pleased to present this revised summary technical memorandum of soil, indoor dust, and indoor air sampling activities to evaluate potential impacts related to the recent Palisades wildfires for the Los Angeles Unified School District (LAUSD) Canyon Charter Elementary, located at 421 Entrada Drive, Santa Monica, CA 90402 (the Site). This revised report includes a correction to the lead dust value conversion from square centimeters (cm^2) to square feet (ft^2) and associated interpretations discussed in the **Indoor Wipe Sampling Results** section of the report and also includes minor changes to phrasing or grammar for clarity.

OBJECTIVE AND BACKGROUND

The objective of the soil, indoor dust, and indoor air sampling activities presented herein was to evaluate potential impacts to surface soil and indoor areas caused by the recent Los Angeles wildfires. The sampling plan utilized a phased approach, targeting samples for the most common and abundant combustion byproducts expected to be associated with urban wildfires, including polycyclic aromatic hydrocarbons (PAHs), metals, and asbestos in soil and dust, as well as PAHs and volatile organic compounds (VOCs), including primary and secondary fire indicator VOCs, in air.

On January 18 and 23, 2025, a Site-wide inspection was performed by Terraphase Engineering (Terraphase) in areas where ash was previously observed to evaluate cleaning efforts by LAUSD, which included the use of a high-efficiency particulate air (HEPA)-equipped air filtration and deodorizing, and other general cleaning activities (Terraphase, 2025). Subsequent to the cleaning and follow-up evaluation, LAUSD requested investigative and confirmatory sampling of soil, indoor dust, and air to evaluate the potential of residual wildfire-related impacts at the Site. This report summarizes the soil sampling, indoor wipe sampling, and air sampling procedures, the respective laboratory analytical results, and TRC's findings and conclusions.

PRELIMINARY ACTIVITIES

A summary of the preliminary activities conducted prior to soil and indoor wipe sampling activities is presented below:

- A Site-Specific Health and Safety Plan (HASP) was prepared.
- A Site walk was performed by TRC February 4, 2025, to identify potential indoor and outdoor sample locations.

SOIL SAMPLING

On February 15, 2025, TRC conducted the sampling of surface soils at 10 locations throughout the Site where there is exposed soil, including planter areas, play areas, the community garden area, and exposed and stockpiled soil from the current construction area. Refer to **Figure 1** for the Site location and to **Figure 2** for a Site Plan depicting the Site layout and all indoor and outdoor sample locations. Soil samples were collected from the surface to a maximum depth of approximately three inches below the ground surface (bgs). One duplicate sample and one equipment blank sample was collected for quality control. Soil sampling equipment was decontaminated prior to sample collection and between sampling locations using a solution of Liquinox and laboratory-supplied, certified per- and polyfluoroalkyl substances (PFAS)-free deionized (DI) water.

Soil samples were collected in laboratory-provided glass sample collection jars. The sample containers were labeled with a sample identification number, date and time, and stored in a cooler with ice pending transport to Enthalpy Analytical (Enthalpy), a California-certified analytical laboratory in Orange, California, for analysis under chain-of-custody protocol. Sample collection, handling, preservation, shipment, and chain-of-custody procedures were conducted in accordance with standard regulatory protocols.

Soil samples were submitted to Enthalpy for the analysis of the following compounds:

- PAHs by Environmental Protection Agency (EPA) Method 8270 SIM
- Title 22 Metals by Method 6010B/7471A
- Asbestos by Polarized Light Microscopy (PLM)

Additional soil samples were collected for the following compounds and placed on hold by the laboratory pending the results of the initial wildfire indicator compounds:

- Polychlorinated Biphenyls (PCBs) by EPA Method 8082
- Formaldehyde (HCHO) – by EPA Method 8315
- PFAS – by EPA Method 1633
- Dioxins and Furans (PCDDs/PCDFs) by EPA Method 8290
- Polybrominated diphenyl ethers (PBDEs) by EPA Method 1614

INDOOR WIPE SAMPLING

On February 15, 2025, TRC conducted indoor wipe sampling of 12 representative indoor zones that included a selection of classrooms in the main classroom buildings, portable classrooms, the front office, the assembly room, and the library. Sampling was conducted by Jason Cole, CIH, CSP, a Board for Global Environmental, Health, and Safety (EHS) Credentialing (BGC) Certified Industrial Hygienist (CIH No. 12735 CP).

Surface wipe sampling locations were selected in each of the main buildings on campus, including classrooms, portable buildings, the library, the auditorium, and the administration office. Two sample locations were collected in each indoor sampling location targeting general surfaces (“A” samples) and generally inaccessible surfaces (“B” samples). The “A” samples were collected from common surfaces such as desks and bookshelves. “B” samples were collected from higher elevation surfaces associated with the HVAC (e.g., air duct vents) or elevated surfaces below the vents (e.g., cabinets). Where practical, a grid was established with masking tape to provide 100 square centimeters (cm^2) of surface area for

each sampling method at that sampling location. For areas where the physical structure of the location did not allow for the practical establishment of the tape grid (e.g., interior of an air return vent), samples were collected in approximately 100 cm^2 non-overlapping areas. The use of a 100 cm^2 area for sampling of surfaces is consistent with ASTM Method D6661. Sample locations are depicted on **Figure 2** and in the photograph log included in **Appendix A**.

Metals, mercury, and asbestos were collected using a commercially prepared Ghost Wipe, an individually-sealed surface sampling wipe, pre-moistened from the manufacturer with deionized water. Samples for PAHs, PCBs, and PBDEs were collected using a cotton gauze wipe pre-moistened with laboratory-supplied hexane solvent. Two duplicate samples and one field blank sample were collected for each analysis.

Wipe samples were placed in laboratory-provided glass sample collection jars. The sample containers were labeled with a sample identification number, sample location, preservative, date and time, and stored in a cooler with ice pending transport to Enthalpy for analysis under chain-of-custody protocol. Sample collection, handling, preservation, shipment, and chain-of-custody procedures were conducted in accordance with standard regulatory protocols.

Indoor wipe samples collected from the February 15, 2025, sampling event were submitted to Enthalpy for the following analyses:

- Title 22 Metals by EPA Method 6010B
- Mercury by EPA Method 7471A
- PAHs by EPA Method 8270C- SIM
- Asbestos by PLM

Additional wipes samples were collected for the following analyses, pending the results of the initial indicator target compounds:

- PCBs by EPA Method 8082
- PCDDs/PCDFs by EPA Method 8290
- PBDEs by EPA Method 1614A

Air Sampling

On February 23, 2025, TRC collected indoor and ambient air samples for PAHs and VOCs including fire indicator compounds, in five locations that included two classrooms in the primary classroom buildings, one portable classroom, the assembly building, and the outdoor lunch area.

Air samples for VOCs were collected using laboratory-supplied six-liter SilcoCan® sampling canisters equipped with 24-hour flow regulators. Prior to the start of sampling, a shut-in test was performed on each canister and attached regulator. Primary and secondary fire-indicator VOCs and PAHs were collected using thermal desorption tubes attached to laboratory-provided sample pumps calibrated to a flow rate of 200 milliliters per minute (mL/min [cc]). Samples designated for primary and secondary fire indicator VOCs were collected over a period of two hours, and samples designated for PAHs were collected over a period of 24 hours as recommended by the laboratory. Three duplicate samples (one duplicate for each analytical suite) were collected for quality control.

Sample containers for indoor air were labeled with a sample identification number, sample location,

preservative, date and time, and submitted Enthalpy for analysis under chain-of-custody protocol for the following analyses:

- VOCs by EPA Method TO-15
- Primary and Secondary Fire Indicators by EPA Method TO-17
- PAHs by EPA Method TO-17

Eight samples for asbestos in air were collected by B2 Environmental (B2E) by a California Division of Occupational Safety and Health (DOSH) Certified Site Surveillance Technician (CSST #19-6670), under the direction of a DOSH Certified Asbestos Consultant (CAC #05-3783). Indoor air sample locations and asbestos air sample locations are depicted on **Figure 2**.

Asbestos air samples were collected using 0.8-micron mixed cellulose-ester filters (MCEF) in 25 mm open-faced cassettes. Asbestos air sampling was conducted in accordance with modified EPA Asbestos Hazard Emergency Response Act (AHERA) guidelines and analyzed by Phase Contrast Microscopy (PCM). PCM analysis was conducted by Eurofins Built Environment Testing West, LLC (AIHA-LAP IHLAP ID#276570). A summary report of asbestos sampling conducted by B2E is included in **Appendix B**.

FINDINGS

Soil Sampling Results

PAHs were not detected in any of the soil samples.

Asbestos was not detected in any of the soil samples.

Low levels of metals including arsenic, barium, chromium, cobalt, copper, lead, nickel, and zinc were detected in soil samples. Refer to **Tables 1A through 1C** for complete soil analytical results. Laboratory analytical reports are included in **Appendix C**.

Detections of metals were compared to their respective California Department of Toxic Substances Control (DTSC) screening levels for residential soil (SL) and the EPA Regional Screening Levels (RSLs) for residential soils. Arsenic was compared to the DTSC recommended background level for arsenic in soils in Southern California [12 milligrams per kilogram (mg/kg); (DTSC, 2020)]. Arsenic was detected above the DTSC recommended background level in one sample at 13 mg/kg (Canyon-Soil-4-02152025). No additional metals were detected above their respective SLs/RSLs in any of the samples. Concentrations of metals are generally consistent with existing soil analytical data collected from the Site in 2019 and 2024 (Terraphase, 2019; Bader, 2024).

Indoor Wipe Sampling Results

PAHs were not detected in any of the indoor wipe samples.

Asbestos was not detected in any of the indoor wipe samples.

Relatively low concentrations of metals including arsenic, barium, chromium, cobalt, copper lead, nickel, and zinc were detected in multiple samples. Metals were not detected in any of the student-contact surface samples (“A” samples). Additionally, some samples (notably Canyon Wipe-7B-02152025 and

Canyon Wipe-9B-02152025) were collected from the interior of the HVAC air ducts, which are made of galvanized steel and would be expected to show some metals (especially zinc) in potentially significant quantities. Zinc has no regulatory limits set for surface contamination, but its Dietary Reference Intake (DRI) developed by the Food and Nutrition Board (FNB) at the National Academies of Sciences, Engineering, and Medicine is five mg per day for children ages 4-8, which is the approximate amount found in the sample with the highest level, 5600 µg/sample (5.6 mg).

Relatively low concentrations of lead and arsenic were detected on some samples collected in areas that are generally inaccessible to students at the school. The highest amount of lead detected was 8.1 µg/100 cm^2 (Canyon Wipe-9B-02152025), collected in the HVAC return vent interior in the library, and the highest amount of arsenic detected was 1.5 µg/100 cm^2 (Canyon Wipe 10B-02152025) collected from the HVAC return vent interior in Classroom 16. Lead and/or arsenic were not detected in any samples collected from surfaces that are generally accessible to students.

The highest detected level of lead at 8.1 µg/100 cm^2 (equivalent to 75.25 µg/ft^2) is above the 2024 EPA Dust Lead Action Level 5 µg/ft^2 for floors, but below the 2024 EPA Dust Lead Action Level of 100 µg/ft^2 for window troughs. These values are commonly used to assess lead in indoor dust following the abatement of lead-containing building materials (EPA, 2024B). EPA's window trough Action Level assumes contact on a limited frequency and provides a conservative health-protective Action Level for inaccessible surfaces (e.g., interior of an HVAC vent).

While the EPA and DTSC set health-protective limits on arsenic in drinking water and soil, these health-protective limits cannot be extrapolated into arsenic health-protective limits for settled dust in a closed HVAC air duct. The ratio of the average values of lead (4.64 µg/100cm^2) to arsenic (1.35 µg/100cm^2) detected in indoor dust is approximately 3.4. This is generally consistent with the ratio of the average values of lead (18.58 mg/kg) to arsenic (5.74 mg/kg) detected in soil samples during this investigation of approximately 3.2, which is similar to previous pre-fire soil investigations (Terraphase, 2019). This may suggest that lead and arsenic in dust is likely a result of soil-dust deposition over time and does not suggest impacts or deposition from wildfire emissions.

Copper, chromium, nickel, and vanadium were detected in relatively small amounts in student-inaccessible sampling locations. These metals are common additives in building materials including steel alloys, stainless steel, and metals galvanization processes and results of these compounds may represent the metal surface they were collected from.

Barium was detected in small amounts in student-inaccessible sampling locations. Barium compounds are naturally occurring and are ubiquitous in soils, and are used in many industrial processes, including the manufacture of paint, bricks, ceramics, glass, and rubber (EPA 1998). Barium was also detected in the soil samples and is likely a result of soil-dust deposition over time and does not suggest impacts or deposition from wildfire activity.

A complete list of indoor dust wipe sample results can be found in **Tables 2A through 2C,** and in **Appendix C**.

Air Sampling Results

VOCs were detected in relatively low quantities in both the indoor and outdoor air samples. The levels of VOCs in indoor and ambient air are generally consistent between the indoor and outdoor air samples. A full list of VOCs detected in the air samples can be found in **Table 3A**.

No primary fire indicator VOCs were detected above the laboratory RL.

One secondary fire indicator compound, 2-furaldehyde, was detected above the laboratory RL at a concentration of 1.3 micrograms per cubic meter (µg/m^3). Secondary fire indicators alone do not indicate fire-impacted materials or particulates but are used in conjunction with primary indicators to support fire identification.

Low concentrations of one PAH, naphthalene, was detected in all samples ranging in concentration from 0.05 µg/m^3 to 0.1 µg/m^3.

VOCs and PAHs were compared to Site-specific risk-based screening levels (RBSLs) for students and school staff. RBSLs for VOCs and PAHs in air were developed by integrating upper bound, Site-specific exposure assumptions, including Exposure Time (hours/day), Exposure Frequency (days/year), and Exposure Duration (years) assumptions for both students and staff. These exposure assumptions are combined with cancer and noncancer inhalation toxicological data for all analytes to calculate indoor air RBSLs, which are summarized in **Tables 3A through 3C**. Details related to exposure assumptions and inhalation toxicological data for VOCs and PAHs in indoor air are included in **Appendix D.**

Air sample results were below the school students RBSLs for all VOCs, PAHs, and fire indicator compounds. One detection of chloroform, a common byproduct of bleach-based cleaning agents and disinfection products, was detected at 2.0 µg/m^3 (Canyon-Air-3B-02222025), which is slightly above the school staff indoor air RBSL (0.64 µg/m^3) but is below the school students indoor air RBSL (3.5 ug/m^3). It should be noted that the RBSL is predicated on long-term, continuous exposure. While chloroform can persist in the air for several weeks, it is not likely to present a long-term exposure risk.

A complete list of indoor and ambient air sample results can be found in **Tables 3A through 3C,** and in **Appendix C**.

DISCUSSIONS AND RECOMMENDATIONS

No indications of particulate matter generated from wildfires were detected in the soil samples or indoor dust samples collected from the Site. Relatively low levels of metals were detected in soil and indoor dust in concentrations that generally align with existing soil background levels, which suggests that the detected metals were not likely a result of the recent wildfires. Metals detected in soil are below SL/RSL or background levels, with the exception of arsenic in one sample. Metals in soil are generally consistent with pre-fire soil sample results from 2019 and 2024 (Terraphase, 2019; Bader, 2024).

Lead detections in indoor dust are below the EPA's threshold for lead in indoor dust in window troughs. Indoor dust samples, with the exception of lead, do not have established regulatory values for comparison. Metals were not detected in samples collected from student-accessible surfaces. The ratio of lead to arsenic in indoor dust in areas generally inaccessible to students (approximately 3.4) aligns with the ratio of lead to arsenic in soil from the current investigation as well as pre-fire historical soil sample results, which suggests that lead and arsenic detected in indoor dust is reflective of general background levels at the Site. Other metals including barium, chromium, cobalt, copper, nickel, and vanadium are commonly used in building materials, such as stainless-steel components, primary or secondary metals used in galvanized coatings such as those found in the interior of the HVAC ducts, and in metal coatings and paints. The low-level concentrations of metals identified in sample locations

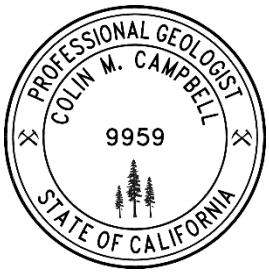
associated with building materials, including painted metal cabinets and galvanized air ducts, is not surprising and does not suggest deposition from wildfires.

Detections of VOCs and PAHs in air sample results were generally consistent between the indoor and outdoor air samples, suggesting that detections of these compounds likely reflect local and/or regional air quality conditions. Many VOCs, including, but not limited to benzene, toluene, xylenes, 1,2,4-trimethylbenzene and ethylbenzene are compounds commonly found in urban air and are typically associated with petroleum products such as vehicle fuels. The presence of these compounds cannot be attributed to wildfires. Exposure concentrations at the Site do not suggest an increased health risk. While broader regional air quality concerns may exist, there is no indication that these issues are unique to the Site, and they should not be interpreted as Site-related risks.

The data collected from soil, indoor dust, and air samples indicates that residual impacts to the Site as related to the nearby recent Palisades wildfires are not considered a health concern at this time. The results indicate that the measures that have been taken by LAUSD are sufficient, and TRC does not have any recommendations for further action at this time.

Sincerely,

TRC Solutions, Inc.



Colin Campbell, PG
LAUSD Lead Project Manager

Ryan S. Jorrey, PG
LAUSD Program Manager

Jason Cole, CIH, CSP
Certified Industrial Hygienist

Laura Trozzolo
Risk Assessment Practice Leader

Attachments:

Table 1A – Soil Sample Analytical Results - Metals
Table 1B – Soil Sample Analytical Results - PAHs
Table 1C – Soil Sample Analytical Results - Asbestos
Table 2A – Wipe Sample Analytical Results - Metals
Table 2B – Wipe Sample Analytical Results - PAHs
Table 2C – Wipe Sample Analytical Results - Asbestos
Table 3A – Air Sample Analytical Results - VOCs
Table 3B – Air Sample Analytical Results - Primary and Secondary Fire Indicators
Table 3C – Air Sample Analytical Results - PAHs

Figure 1 – Vicinity Map
Figure 2 – Site Plan with Sample Locations

Appendix A – Photograph Log
Appendix B – B2E Asbestos Report
Appendix C – Laboratory Analytical Reports
Appendix D – Site-Specific Risk-Based Screening Level Tables

REFERENCES

Bader, (2024), Soil Certiifcation Report, LAUSD Canyon Charter Elementary School, 421 Entrada Drive, Santa Monica California 90402, April 5, 2024.

California Department of Toxic Substances Control (DTSC), 2022, Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels, Revised May 2022.

California Department of Toxic Substances Control (DTSC), 2020, Human Health Risk Assessment (HHRA) Note Number 11, Southern California Arsenic Screening Level, December 28.

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Enthalpy Analytical, 2022, VOCs in Fire and Smoke Contamination Investigations, 2022.

Enthalpy Analytical, 2025, Fire Report Technical Guidance, March, 2025.

Environmental Protection Agency (EPA), 1998, Toxicological Review of Barium and Compounds, March, 1998.

EPA, 2024A, Regional Screening Level (RRSL) Resident Soil Table (TR=1E-06, HQ=1) November 2024.

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Schammel, M. H., Gold, S. J., & McCurry, D. L., 2024. Metals in wildfire suppressants. Environmental Science & Technology Letters, 11(11), 1247–1253, October, 2024.

Terraphase Engineering (Terraphase), 2019, Preliminary Environmental Assessment Equivalent Document, Canyon Elementary School, 421 Entrada Drive, Santa Monica, California, October 10, 2019.

Terraphase, 2025, Site Inspection Report for Canyon Elementary School, 421 Entrada Drive, Santa Monica, California, January 24, 2025.

TABLES

Table 1A
Soil Sample Analytical Results - Metals
Canyon Charter Elementary
421 Entrada Dr
Santa Monica, CA

Sample ID	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Units:		**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
USEPA Method:		**EPA 6010B**	**EPA 6010B**	**EPA 6010B**	**EPA 6010B**	**EPA 6010B**	**EPA 6010B**	**EPA 6010B**	**EPA 6010B**	**EPA 6010B**	**EPA 7471A**	**EPA 6010B**	**EPA 6010B**	**EPA 6010B**	**EPA 6010B**	**EPA 6010B**	**EPA 6010B**	**EPA 6010B**
DTSC Residential SL:		**NA**	**12***	**NA**	**16**	**7.1**	**NA**	**NA**	**NA**	**80**	**1**	**NA**	**820**	**NA**	**NA**	**NA**	**NA**	**NA**
USEPA Residential RSL:		**31**	**12***	**15,000**	**1,600**	**2,100**	**NA**	**420**	**3,100**	**200**	**7.1**	**390**	**NA**	**390**	**390**	**NA**	**390**	**23,000**
Canyon-Soil-1-02152025	2/15/2025	<2.9	**3.4**	**80**	<0.48	<0.48	**20**	**4.9**	**18**	**9.1**	<0.17	<0.95	**16**	<2.9	<0.48	<2.9	**32**	**69**
Canyon-Soil-2-02152025	2/15/2025	<2.9	**1.7**	**69**	<0.49	<0.49	**12**	**2.7**	**46**	**8.6**	<0.16	<0.98	**11**	<2.9	<0.49	<2.9	**17**	**160**
Canyon-Soil-3-02152025	2/15/2025	<3.0	**6.1**	**110**	<0.50	**0.58**	**23**	**6.7**	**21**	**11**	<0.16	<0.99	**19**	<3.0	<0.50	<3.0	**41**	**77**
Canyon-Soil-4-02152025	2/15/2025	<2.9	**13**	**87**	<0.49	<0.49	**29**	**6.3**	**30**	**67**	<0.15	<0.98	**22**	<2.9	<0.49	<2.9	**40**	**150**
Canyon-Soil-5-02152025	2/15/2025	<2.9	**5.9**	**83**	<0.49	**0.53**	**22**	**5.0**	**26**	**61**	<0.15	<0.97	**16**	<2.9	<0.49	<2.9	**33**	**140**
Canyon-Soil-6-02152025	2/15/2025	<2.9	**4.3**	**63**	<0.49	<0.49	**16**	**4.7**	**23**	**21**	<0.16	<0.98	**13**	<2.9	<0.49	<2.9	**28**	**110**
Canyon-Soil-7-02152025	2/15/2025	<3.0	**8.1**	**76**	<0.50	<0.50	**34**	**5.4**	**23**	**6.6**	<0.16	<0.99	**25**	<3.0	<0.50	<3.0	**41**	**58**
Canyon-Soil-8-02152025	2/15/2025	<2.9	**8.0**	**75**	<0.48	<0.48	**31**	**6.9**	**21**	**7.5**	<0.15	<0.96	**24**	<2.9	<0.48	<2.9	**45**	**60**
Canyon-Soil-9-02152025	2/15/2025	<3.0	**1.9**	**95**	<0.50	<0.50	**9.4**	**3.7**	**11**	**2.8**	<0.15	<0.99	**7.8**	<3.0	<0.50	<3.0	**22**	**29**
Dup-1	2/15/2025	<2.9	**1.9**	**100**	<0.49	<0.49	**6.3**	**3.5**	**9.1**	**1.9**	<0.15	<0.97	**4.4**	<2.9	<0.49	<2.9	**21**	**18**
Canyon-Stockpile-02152025	2/15/2025	<3.0	**8.8**	**91**	**0.54**	<0.50	**39**	**6.6**	**28**	**7.9**	<0.16	<1.0	**30**	<3.0	<0.50	<3.0	**52**	**68**
EB-1 (mg/L)	2/15/2025	<0.030	<0.010	<0.010	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.010	<0.40	<0.01	<0.010	<0.030	<0.0050	<0.030	<0.010	<0.050

Notes:

Bold indicates sample result detected above laboratory Reporting Limit (RL)

Green color indicates sample result above SL or RSL

California Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note 3 Rev. May 2022

United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2024

* DTSC recommended soil screening background level for Arsenic in Southern California (DTSC HHRA Note 11) December 2020

mg/kg = Milligrams per kilogram

mg/L = Milligrams per liter

< = Not detected at or above the indicated laboratory reporting limit (RL).

Table 1B
Soil Sample Analytical Results - PAHs
Canyon Charter Elementary
421 Entrada Dr
Santa Monica, CA

Sample ID	Sample Date	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	Benzo(g,h,i)perylene
Units:		**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
USEPA Method:		**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**
DTSC Residential SL:		**9.9**	**NA**	**2.0**	**NA**	**3,300**	**2,300**	**NA**	**17,000**	**2,400**	**1,800**	**1.1**	**110**	**1.1**	**11**	**0.11**	**1.1**	**0.028**	**NA**
USEPA Residential RSL:		**10**	**240**	**2.0**	**NA**	**3,600**	**24,000**	**NA**	**18,000**	**2,400**	**1,800**	**1.1**	**110**	**1.1**	**11**	**5.7**	**1.1**	**0.11**	**NA**
Canyon-Soil-1-02152025	2/15/2025	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Canyon-Soil-2-02152025	2/15/2025	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Canyon-Soil-3-02152025	2/15/2025	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Canyon-Soil-4-02152025	2/15/2025	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Canyon-Soil-5-02152025	2/15/2025	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Canyon-Soil-6-02152025	2/15/2025	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Canyon-Soil-7-02152025	2/15/2025	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Canyon-Soil-8-02152025	2/15/2025	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099
Canyon-Soil-9-02152025	2/15/2025	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099
Dup-1	2/15/2025	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Canyon-Stockpile-02152025	2/15/2025	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
EB-1 (mg/L)	2/15/2025	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049	<0.00049

Notes:
Bold indicates sample result detected above laboratory Reporting Limit (RL)
California Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note 3 Rev. May 2022.
United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2024.
mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
< = Not detected at or above the indicated laboratory reporting limit (RL).

Table 1C
Soil Sample Analytical Results - Asbestos
Canyon Charter Elementary
421 Entrada Dr
Santa Monica, CA

Sample ID	Sample Date	Asbestos
	Method:	**PLM**
Canyon-Soil-1-02152025	2/15/2025	ND
Canyon-Soil-2-02152025	2/15/2025	ND
Canyon-Soil-3-02152025	2/15/2025	ND
Canyon-Soil-4-02152025	2/15/2025	ND
Canyon-Soil-5-02152025	2/15/2025	ND
Canyon-Soil-6-02152025	2/15/2025	ND
Canyon-Soil-7-02152025	2/15/2025	ND
Canyon-Soil-8-02152025	2/15/2025	ND
Dup-1	2/15/2025	ND
Canyon-Soil-9-02152025	2/15/2025	ND
Canyon-Stockpile-02152025	2/15/2025	ND
EB-1	2/15/2025	ND
Notes:		
ND = Not detected		
PLM = Polarized Light Microscopy		

Table 2A
Wipe Sample Analytical Results - Metals
Canyon Charter Elementary
421 Entrada Dr
Santa Monica, CA

Sample ID	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
	Units:	ug/s	ug/s	ug/s	ug/s	ug/s	ug/s	ug/s	ug/s	ug/s	ug/s	ug/s	ug/s	ug/s	ug/s	ug/s	ug/s	ug/s
	USEPA Method:	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B	EPA 7471A	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B
Canyon Wipe-1A-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-1B-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-2A-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	1.6	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-2B-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-3A-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-3B-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
DUP-1	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-4A-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-4B-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-5A-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
DUP-2	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-5B-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	**1.9**	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-6A-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-6B-02152025	2/15/2025	<3.0	<1.0	**9.6**	<0.50	<0.50	**1.3**	<0.50	**4.6**	**1.5**	<3.5	<1.0	**1.4**	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-7A-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-7B-02152025	2/15/2025	<3.0	<1.0	**1.8**	<0.50	<0.50	**1.8**	<0.50	**1.4**	**4.1**	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	**2600**
Canyon Wipe-8-02152025	2/15/2025	<3.0	<1.0	**9.8**	<0.50	<0.50	**1.5**	<0.50	**10**	**3.6**	<3.5	<1.0	**2.1**	<3.0	<0.50	<3.0	<1.0	**280**
Canyon Wipe-9A-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-9B-02152025	2/15/2025	<3.0	**1.2**	**64**	<0.50	<0.50	**73**	**2.4**	**23**	**8.1**	<3.5	<1.0	**85**	<3.0	<0.50	<3.0	**11**	**5600**
Canyon Wipe-10A-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-10B-02152025	2/15/2025	<3.0	**1.5**	**41**	<0.50	<0.50	**5.3**	**1.1**	**13**	**5.9**	<3.5	<1.0	**3.6**	<3.0	<0.50	<3.0	**6.6**	**310**
Canyon Wipe-11A-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-11B-02152025	2/15/2025	<3.0	<1.0	**12**	<0.50	<0.50	<1.0	<0.50	**1.6**	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	**270**
Canyon Wipe-12A-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-12B-02152025	2/15/2025	<3.0	<1.0	**2.4**	<0.50	<0.50	<1.0	<0.50	**2.0**	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200
Canyon Wipe-FB-02152025	2/15/2025	<3.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<3.5	<1.0	<1.0	<3.0	<0.50	<3.0	<1.0	<200

Notes:
Bold indicates sample result detected above laboratory Reporting Limit (RL)
ug/s = Micrograms per sample
< = Not detected at or above the indicated laboratory reporting limit (RL).

Table 2B
Wipe Sample Analytical Results - PAHs
Canyon Charter Elementary
421 Entrada Dr
Santa Monica, CA

Sample ID	Sample Date	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	Benzo(g,h,i)perylene
Units:		**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**	**ug/s**
USEPA Method:		**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**	**EPA 8270C-SIM**
Canyon Wipe-1A-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-1B-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-2A-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-2B-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-3A-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-3B-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
DUP-1	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-4A-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-4B-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-5A-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
DUP-2	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-5B-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-6A-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-6B-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-7A-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-7B-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-8-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-9A-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-9B-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-10A-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-10B-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-11A-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-11B-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-12A-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-12B-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Canyon Wipe-FB-02152025	2/15/2025	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

Notes:
Bold indicates sample result detected above laboratory Reporting Limit (RL)
ug/s = Micrograms per sample
< = Not detected at or above the indicated laboratory reporting limit (RL).

Table 2C
Wipe Sample Analytical Results - Asbestos
Canyon Charter Elementary
421 Entrada Dr
Santa Monica, CA

Sample ID	Sample Date	Asbestos
	Method:	**PLM**
Canyon Wipe-1A-02152025	2/15/2025	ND
Canyon Wipe-1B-02152025	2/15/2025	ND
Canyon Wipe-2A-02152025	2/15/2025	ND
Canyon Wipe-2B-02152025	2/15/2025	ND
Canyon Wipe-3A-02152025	2/15/2025	ND
Canyon Wipe-3B-02152025	2/15/2025	ND
DUP-1	2/15/2025	ND
Canyon Wipe-4A-02152025	2/15/2025	ND
Canyon Wipe-4B-02152025	2/15/2025	ND
Canyon Wipe-5A-02152025	2/15/2025	ND
DUP-2	2/15/2025	ND
Canyon Wipe-5B-02152025	2/15/2025	ND
Canyon Wipe-6A-02152025	2/15/2025	ND
Canyon Wipe-6B-02152025	2/15/2025	ND
Canyon Wipe-7A-02152025	2/15/2025	ND
Canyon Wipe-7B-02152025	2/15/2025	ND
Canyon Wipe-8-02152025	2/15/2025	ND
Canyon Wipe-9A-02152025	2/15/2025	ND
Canyon Wipe-9B-02152025	2/15/2025	ND
Canyon Wipe-10A-02152025	2/15/2025	ND
Canyon Wipe-10B-02152025	2/15/2025	ND
Canyon Wipe-11A-02152025	2/15/2025	ND
Canyon Wipe-11B-02152025	2/15/2025	ND
Canyon Wipe-12A-02152025	2/15/2025	ND
Canyon Wipe-12B-02152025	2/15/2025	ND
Canyon Wipe-FB-02152025	2/15/2025	ND

Notes:
ND = Not detected
PLM = Polarized Light Microscopy

Table 3A
Air Sample Analytical Results - VOCs
Canyon Charter Elementary
421 Entrada Dr
Santa Monica, CA

Sample ID	School Staff RBSL	School Students RBSL	Canyon-Air-1A-02222025	Canyon-Air-2A-02222025	DUP-A	Canyon-Air-3A-02222025	Canyon-Air-4A-02222026	Canyon-Air-Outdoor-A-02222025
Sample Date:			**2/22/2025**	**2/22/2025**	**2/22/2025**	**2/22/2025**	**2/22/2025**	**2/22/2025**
Units:	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**
1,1,2,2-Tetrachloroethane	**0.3**	**1.4**	<0.069	<0.069	<0.069	<0.069	<0.076	<0.069
1,1,1,2-Tetrachloroethane	**2.0**	**10.8**	<0.069	<0.069	<0.069	<0.069	<0.076	<0.069
Freon 12 (difluorodichloromethane)	**526**	**684**	**2.3**	**2.3**	**2.3**	**2.3**	**2.3**	**2.3**
Chloromethane	**474**	**616**	**1.5**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**
Freon 114 (1,2-Dichlorotetrafluoroethane)	**N/A**	**N/A**	**0.13**	**0.13**	**0.13**	**0.13**	**0.13**	**0.13**
Vinyl Chloride	**3.3**	**6**	<0.026	<0.026	<0.026	<0.026	<0.028	<0.026
Bromomethane	**26.3**	**34.2**	**0.17**	**0.20**	**0.21**	**0.19**	**0.23**	**0.20**
Chloroethane	**21045**	**27354**	<0.026	<0.026	<0.026	<0.026	<0.029	**0.029**
Vinyl bromide	**1**	**5.3**	<0.044	<0.044	<0.044	<0.044	<0.048	<0.044
Trichlorofluoromethane	**N/A**	**N/A**	**1.2**	**1.3**	**1.3**	**1.2**	**1.2**	**1.2**
1,1-Dichloroethene	**20.8**	**49.9**	<0.040	<0.040	<0.040	<0.040	<0.044	<0.040
Methylene Chloride	**1473**	**2659**	**0.63**	**0.69**	**0.68**	**0.71**	**1.4**	**0.67**
Freon 113 (1,1,2-Trichloro-1,2,2-trifluoroethane)	**0.92**	**1.4**	**0.53**	**0.54**	**0.55**	**0.54**	**0.54**	**0.53**
trans-1,2-Dichloroethene	**211**	**274**	<0.040	<0.040	<0.040	<0.040	<0.044	<0.040
1,1-Dichloroethane	**9.2**	**49.8**	<0.040	<0.040	<0.040	<0.040	<0.045	<0.040
cis-1,2-Dichloroethene	**211**	**274**	<0.040	<0.040	<0.040	<0.040	<0.044	<0.040
Chloroform	**0.6**	**3.5**	**0.46**	**0.45**	**0.47**	**0.43**	**2.0**	**0.45**
1,2-Dichloroethane	**0.6**	**3.1**	**0.098**	**0.077**	**0.077**	**0.11**	**0.081**	**0.070**
1,1,1-Trichloroethane	**26306**	**34192**	<0.055	<0.055	<0.055	<0.055	<0.060	<0.055
Benzene	**1.9**	**10.2**	**1.4**	**1.1**	**1.0**	**0.98**	**0.80**	**0.74**
Carbon Tetrachloride	**2.5**	**13.3**	**0.54**	**0.53**	**0.54**	**0.53**	**0.56**	**0.50**
1,2-Dichloropropane	**4.0**	**21.5**	<0.046	<0.046	<0.046	<0.046	<0.051	<0.046
Bromodichloromethane	**0.4**	**2.2**	<0.067	<0.067	<0.067	<0.067	<0.074	<0.067
Trichloroethene	**3.6**	**6.5**	<0.054	<0.054	<0.054	<0.054	<0.059	<0.054
cis-1,3-Dichloropropene	**3.7**	**19.9**	<0.045	<0.045	<0.045	<0.045	<0.050	<0.045
trans-1,3-Dichloropropene	**3.7**	**19.9**	<0.045	<0.045	<0.045	<0.045	<0.050	<0.045
1,1,2-Trichloroethane	**0.9**	**1.4**	<0.055	<0.055	<0.055	<0.055	<0.060	<0.055
Toluene	**26306**	**34192**	**3.2**	**2.2**	**2.0**	**2.4**	**2.4**	**1.5**
Dibromochloromethane (chlorodibromomethane)	**N/A**	**N/A**	<0.085	<0.085	<0.085	<0.085	<0.094	<0.085
1,2-Dibromoethane	**0.02**	**0.13**	<0.077	<0.077	<0.077	<0.077	<0.085	<0.077
Tetrachloroethene	**56.7**	**274**	<0.068	<0.068	**0.18**	<0.068	<0.075	<0.068
Chlorobenzene	**263**	**342**	**0.046**	<0.046	<0.046	<0.046	<0.051	<0.046
Ethylbenzene	**5.9**	**31.9**	**1.2**	**0.46**	**0.42**	**0.72**	**0.49**	**0.31**
m,p-Xylenes	**526**	**684**	**1.8**	**1.4**	**1.2**	**2.1**	**1.2**	**0.96**
Bromoform	**13.4**	**72.5**	**0.12**	<0.10	<0.10	<0.10	<0.11	<0.10
Styrene	**5261**	**6838**	**2.8**	**0.14**	**0.13**	**1.5**	**0.25**	**0.087**
o-Xylene	**526**	**684**	**0.82**	**0.58**	**0.52**	**0.88**	**0.49**	**0.46**
2-Chlorotoluene	**N/A**	**N/A**	<0.052	<0.052	<0.052	<0.052	<0.057	<0.052
1,3,5-Trimethylbenzene	**316**	**410**	**0.11**	**0.077**	**0.073**	**0.084**	**0.062**	**0.060**
1,2,4-Trimethylbenzene	**316**	**410**	**0.47**	**0.41**	**0.46**	**0.40**	**0.29**	**0.26**
Benzyl chloride	**0.30**	**1.6**	<0.052	<0.052	<0.052	<0.052	<0.057	<0.052
1,3-Dichlorobenzene	**N/A**	**N/A**	<0.060	<0.060	<0.060	<0.060	<0.066	<0.060
1,4-Dichlorobenzene	**1.3**	**7.3**	**0.84**	**0.16**	**0.16**	**0.14**	**0.13**	**0.12**
1,2-Dichlorobenzene	**1052**	**1368**	<0.060	<0.060	<0.060	<0.060	<0.066	<0.060
1,2,4-Trichlorobenzene	**10.5**	**13.7**	<0.074	<0.074	<0.074	<0.074	<0.082	<0.074
Hexachlorobutadiene	**0.67**	**3.6**	<0.11	<0.11	<0.11	<0.11	<0.12	<0.11
Xylene (total)	**526**	**684**	**2.6**	**2.0**	**1.8**	**2.9**	**1.7**	**1.4**

Notes:
RBSL = Site-specific risk based screening level
Bold indicates sample result detected above laboratory Reporting Limit (RL)
Green color indicates sample result above School Staff RBSL
ug/m^3 = Micrograms per cubic meter
< = Not detected at or above the indicated laboratory reporting limit (RL)
N/A = Inhalation Toxicity values not available

Table 3B
Air Sample Analytical Results - Fire Indicator VOCs
Canyon Charter Elementary
421 Entrada Dr
Santa Monica, CA

Sample ID	School Staff RBSL	School Students RBSL	Canyon-Air-1B-02222025	Canyon-Air-Outdoor-B-02222025	Canyon-Air-2B-02222025	DUP-B	Canyon-Air-3B-02222025	Canyon-Air-4B-02222026
Sample Date:			**2/22/2025**	**2/22/2025**	**2/22/2025**	**2/22/2025**	**2/22/2025**	**2/22/2025**
Units:	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**
o-Cresol	**3157**	**4103**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
2-Methoxyphenol	**N/A**	**N/A**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
m,p-Cresol	**3157**	**4103**	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Creosol	**N/A**	**N/A**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
4-Ethyl-2-methoxyphenol	**N/A**	**N/A**	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Acenaphthylene	**N/A**	**N/A**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acrolein	**0.11**	**0.14**	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Acetonitrile	**316**	**410**	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
2-Furaldehyde	**263**	**342**	<0.8	<0.8	<0.8	<0.8	**1.3**	<0.8
Salicylaldehyde	**N/A**	**N/A**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
2,4-Dimethylphenol	**N/A**	**N/A**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Naphthalene	**0.43**	**2.3**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
2-Methylnaphthalene	**N/A**	**N/A**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Biphenyl	**2.1**	**2.7**	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Methylbiphenyl	**N/A**	**N/A**	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8

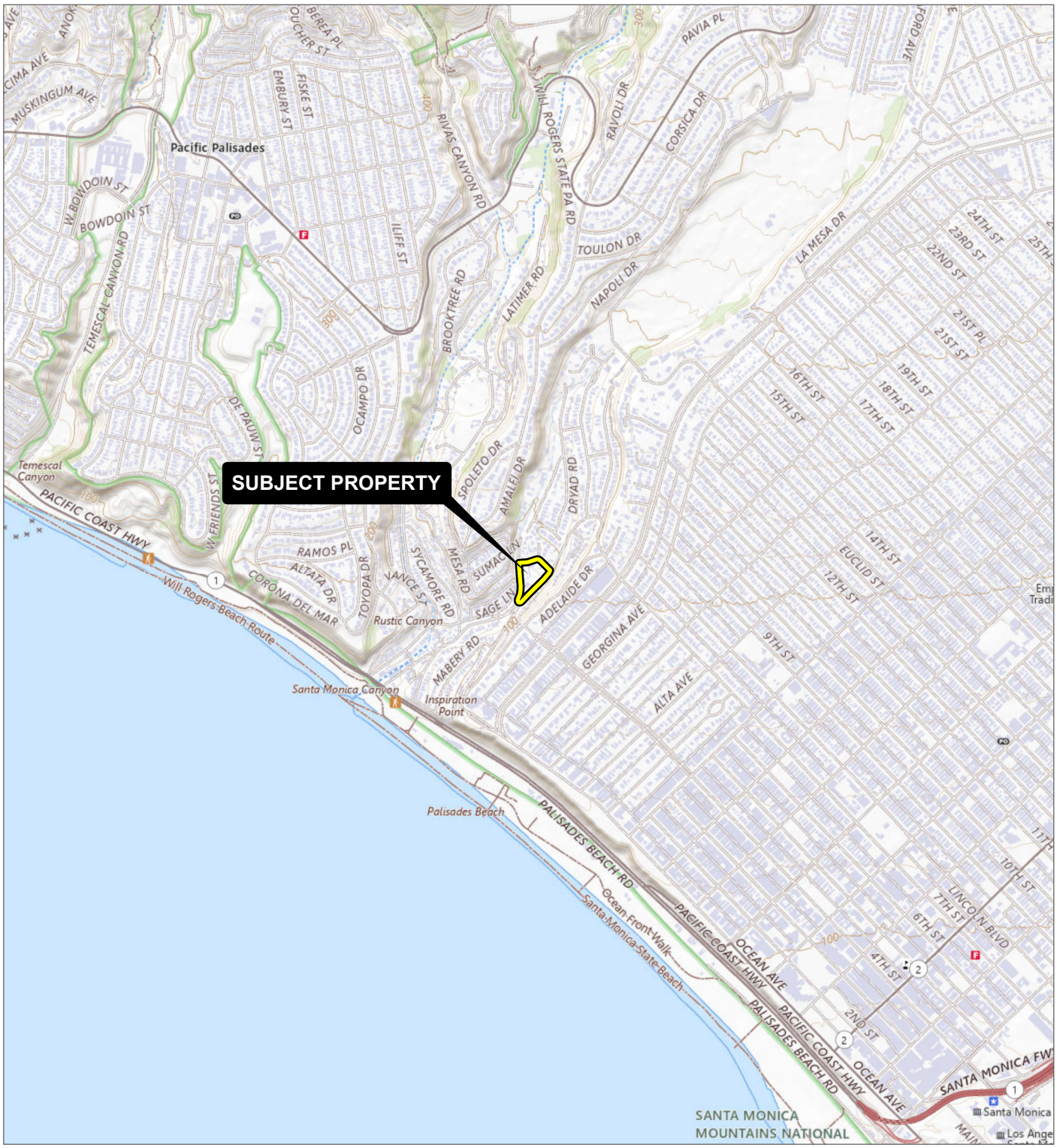
Notes:
RBSL = Site-specific risk based screening level
Bold indicates sample result detected above laboratory Reporting Limit (RL)
ug/m^3 = Micrograms per cubic meter
<= Not detected at or above the indicated laboratory reporting limit (RL).
N/A = Inhalation Toxicity values not available

Table 3C
Air Sample Analytical Results - PAHs
Canyon Charter Elementary
421 Entrada Dr
Santa Monica, CA

Sample ID	School Staff RBSL	School Students RBSL	Canyon-Air-1C-02222025	Canyon-Air-Outdoor-C-02222025	Canyon-Air-2C-02222025	DUP-C	Canyon-Air-3C-02222025	Canyon-Air-4C-02222026
Sample Date:			**2/22/2025**	**2/22/2025**	**2/22/2025**	**2/22/2025**	**2/22/2025**	**2/22/2025**
Units:	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**	**ug/m^3**
Naphthalene	**0.43**	**2.3**	**0.1**	**0.06**	**0.07**	**0.06**	**0.06**	**0.05**
Acenaphthylene	**N/A**	**N/A**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	**N/A**	**N/A**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	**N/A**	**N/A**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Anthracene	**N/A**	**N/A**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	**N/A**	**N/A**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	**N/A**	**N/A**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Pyrene	**N/A**	**N/A**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo[a]anthracene	**0.25**	**0.44**	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Chrysene	**24.6**	**44.3**	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Benzo[b]fluoranthene	**0.25**	**0.44**	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Benzo[k]fluoranthene	**2.5**	**4.4**	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Benzo[a]pyrene	**0.011**	**0.014**	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Indeno[1,2,3-c,d]pyrene	**0.25**	**0.44**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Dibenzo[a,h]anthracene	**0.025**	**0.044**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzo[g,h,i]perylene	**N/A**	**N/A**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

Notes:
RBSL = Site-specific risk based screening level
Bold indicates sample result detected above laboratory Reporting Limit (RL)
ug/m^3 = Micrograms per cubic meter
<= Not detected at or above the indicated laboratory reporting limit (RL).
N/A = Inhalation Toxicity values not available

FIGURES



SUBJECT PROPERTY BOUNDARY

BASE MAP: USGS TOPOGRAPHIC MAP (7.5 MINUTE, SANTA MONICA).
DATA SOURCES: TRC, LA COUNTY OFFICE OF THE ASSESSOR, PROPERTY ASSESSMENT INFO. SYSTEM

N

0 1,000 2,000
FEET
1:24,000 1" = 2,000'

PROJECT: **LOS ANGELES UNIFIED SCHOOL DISTRICT**
CANYON CHARTER ELEMENTARY SCHOOL
421 ENTRADA DRIVE
SANTA MONICA, CA 90402

TITLE:

SITE VICINITY MAP

DRAWN BY:	J. STRONA	PROJ. NO.:	652687.0000.0000
CHECKED BY:	C. CAMPBELL		
APPROVED BY:	C. CAMPBELL		**FIGURE 1**
DATE:	FEBRUARY 2025		

TRC
707 WILSHIRE BOULEVARD
SUITE 3250
LOS ANGELES, CA 90017
PHONE: 213.213.9400

FILE: LAUSD_CANYONCHARTER_SAMPLING

LEGEND

- APPROXIMATE PARCEL BOUNDARY
- VOLATILE ORGANIC COMPOUNDS (VOC) AIR SAMPLE
- FIRE LIST AIR SAMPLE
- POLYCYLIC AROMATIC HYDROCARBONS (PAH) AIR SAMPLE
- ASBESTOS AIR SAMPLE
- SURFACE SOIL SAMPLE
- INDOOR WIPE "A" SAMPLE
- INDOOR WIPE "B" SAMPLE

NOTES:
BASE MAP: GOOGLE EARTH SATELLITE, DATED 5/29/2022.
DATA SOURCES: TRC

1:800
1" = 67'
0 50 100 FEET

PROJECT: LOS ANGELES UNIFIED SCHOOL DISTRICT
CANYON CHARTER ELEMENTARY SCHOOL
421 ENTRADA DRIVE
SANTA MONICA, CA 90402

TITLE: SITE PLAN WITH SAMPLING LOCATIONS

DRAWN BY:	J. STRONA	PROJ. NO.:	652687.0000.0000
CHECKED BY:	C. CAMPBELL		FIGURE 2
APPROVED BY:	R. JORREY		
DATE:	FEBRUARY 2025		

TRC
6 EXECUTIVE CIRCLE
SUITE 200
IRVINE, CA 92614
PHONE: 949.727.9336

FILE: LAUSD_CanyonCharter_Sampling.aprx

Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet; Map Rotation: 0
Saved By: JSTRONA on 2/26/2025, 9:34:05 AM; File Path: T:\1 PROJECTS\LAUSD\652687_Canyon_Charter_MS\2-APRX\LAUSD_CanyonCharter_Sampling.aprx; Layout Name: FIGURE 2

APPENDIX A

Photograph Log

PHOTOGRAPH LOG
SURFACE SOIL SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No. 1	Date: 2/15/2025

Direction Photo Taken:

North

Description:

Outdoor “Park” Seating Area

Sample ID:
Canyon-Soil-1

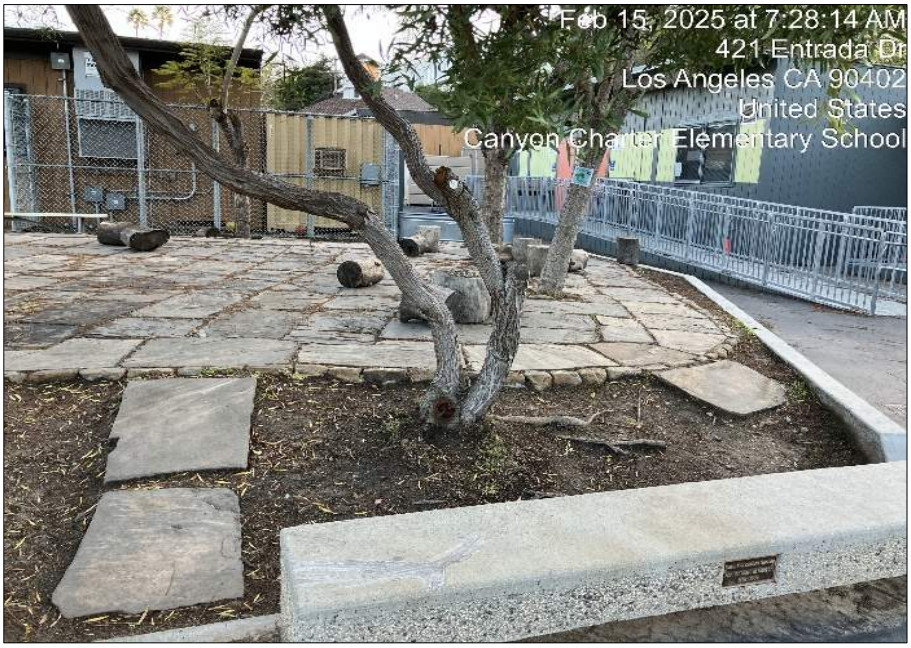


Photo No. 2	Date: 2/15/25

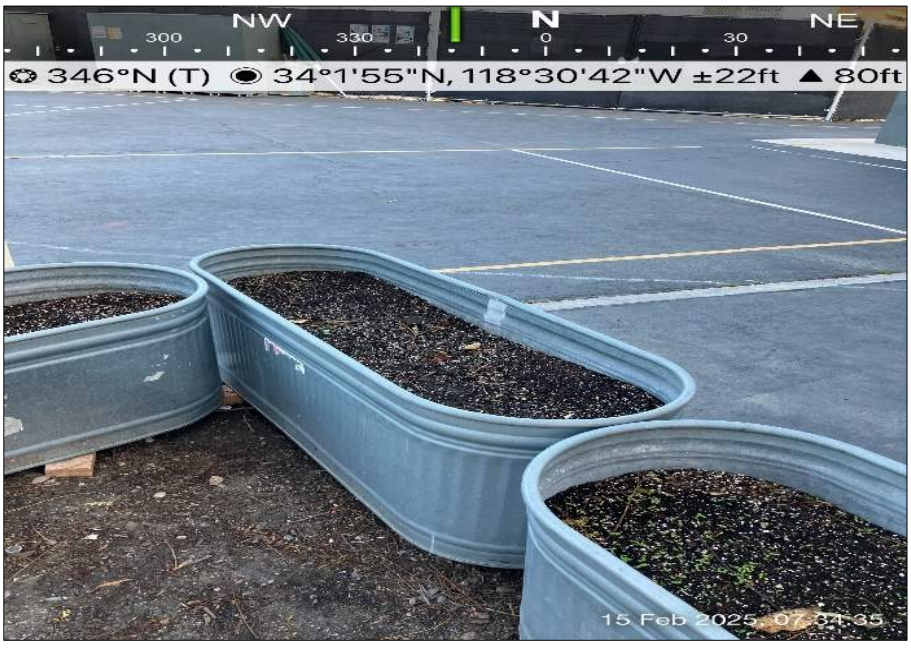
Direction Photo Taken:

North-northwest

Description:

Outdoor Community Garden Area

Sample ID:
Canyon-Soil-2



PHOTOGRAPH LOG
SURFACE SOIL SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
3	2/15/2025

Direction Photo Taken:

East

Description:

Outdoor “Park“ Area

Sample ID:
Canyon-Soil-3

Photo No.	Date:
4	2/15/25

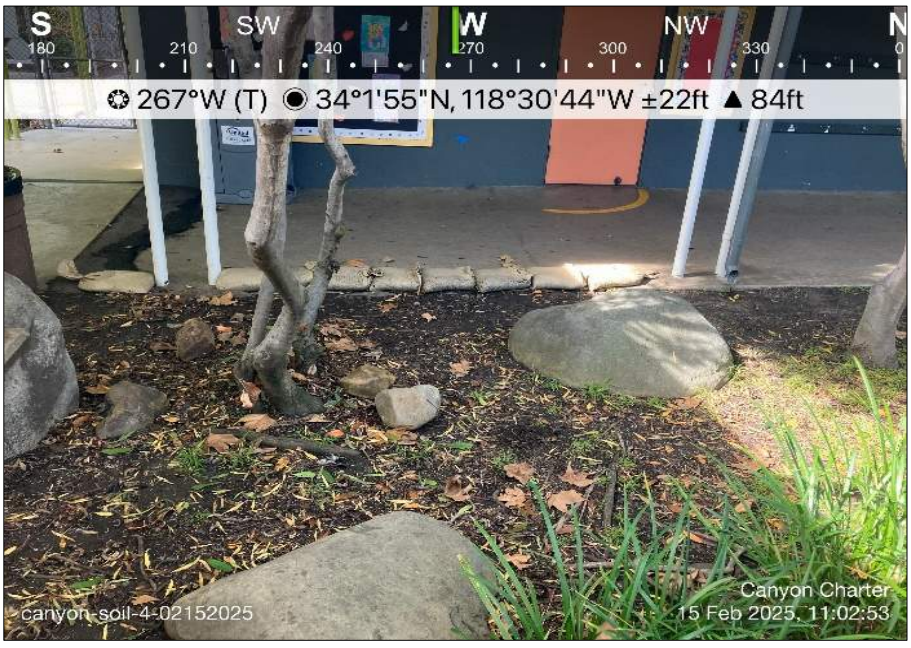
Direction Photo Taken:

West

Description:

Classroom Buildings
Outdoor Planter (South)

Sample ID:
Canyon-Soil-4



PHOTOGRAPH LOG
SURFACE SOIL SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
5	2/15/2025

Direction Photo Taken:

West

Description:

Classroom Buildings
Outdoor Planter
(Middle)

Sample ID:
Canyon-Soil-5

Photo No.	Date:
6	2/15/25

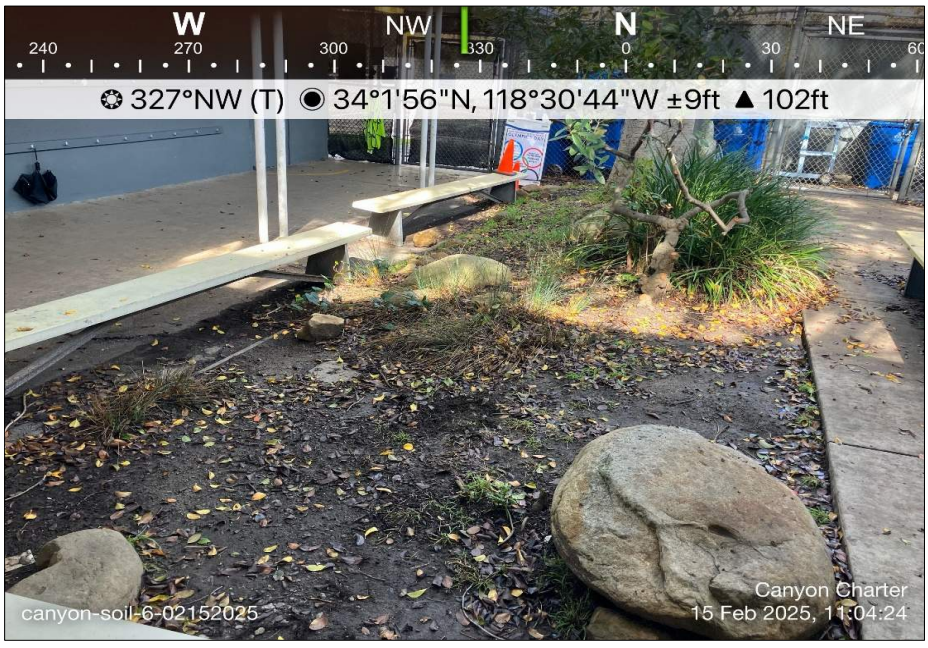
Direction Photo Taken:

Northwest

Description:

Classroom Buildings
Outdoor Planter (North)

Sample ID:
Canyon-Soil-6



TRC	PHOTOGRAPH LOG SURFACE SOIL SAMPLING	
Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
7	2/15/2025

Direction Photo Taken:

Northeast

Description:

Construction Area (Northeast)

Sample ID:
Canyon-Soil-7

Photo No.	Date:
8	2/15/25

Direction Photo Taken:

North

Description:

Construction Area (East)

Sample ID:
Canyon-Soil-8

PHOTOGRAPH LOG
SURFACE SOIL SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No. 9	Date: 2/15/2025

Direction Photo Taken:

North

Description:

Construction Area (West)

Sample ID:
Canyon-Soil-9

Photo No. 10	Date: 2/15/25

Direction Photo Taken:

Northwest

Description:

Construction Area Soil Stockpile

Sample ID:
Canyon-Stockpile

PHOTOGRAPH LOG
SURFACE WIPE SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
11	2/15/2025

Direction Photo Taken:

East

Description:

Assembly Building

Sample ID:
Canyon-Wipe-1A

Photo No.	Date:
12	2/15/25

Direction Photo Taken:

North

Description:

Assembly Building

Sample ID:
Canyon-Wipe-1B

PHOTOGRAPH LOG
SURFACE WIPE SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No. 13	Date: 2/15/2025
Direction Photo Taken: West	
Description: Classroom K-1 Sample ID: Canyon-Wipe-2A	

Photo No. 14	Date: 2/15/25
Direction Photo Taken: East	
Description: Classroom K-1 Sample ID: Canyon-Wipe-2B	

TRC	PHOTOGRAPH LOG SURFACE WIPE SAMPLING	
Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
15	2/15/2025

Direction Photo Taken:

North

Description:

Classroom 2

Sample ID:
Canyon-Wipe-3A

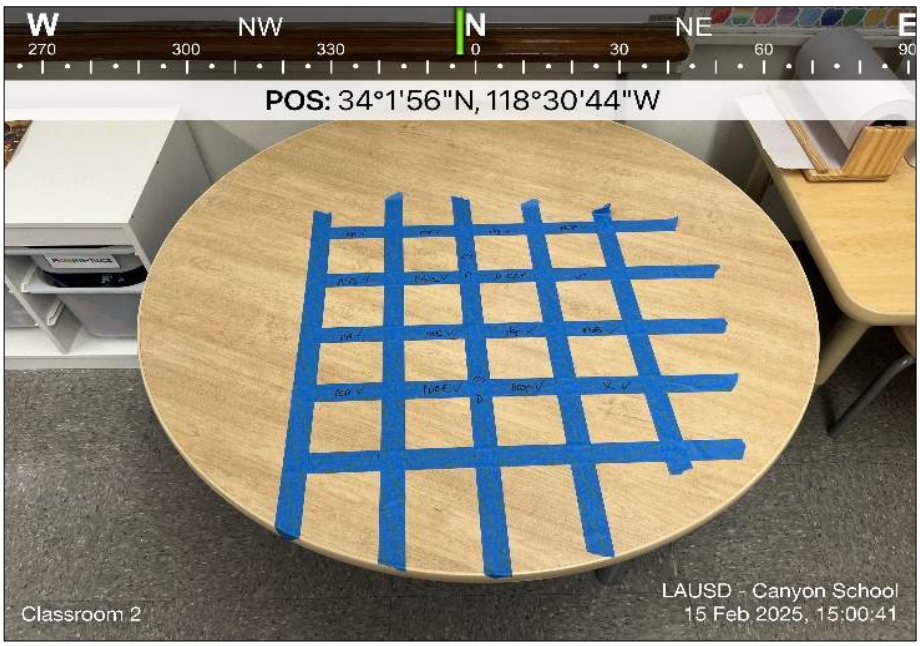


Photo No.	Date:
16	2/15/25

Direction Photo Taken:

West

Description:

Classroom 2

Sample ID:
Canyon-Wipe-3B

PHOTOGRAPH LOG SURFACE WIPE SAMPLING		
Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
17	2/15/2025

Direction Photo Taken:

Southeast

Description:

Classroom 5

Sample ID:
Canyon-Wipe-4A

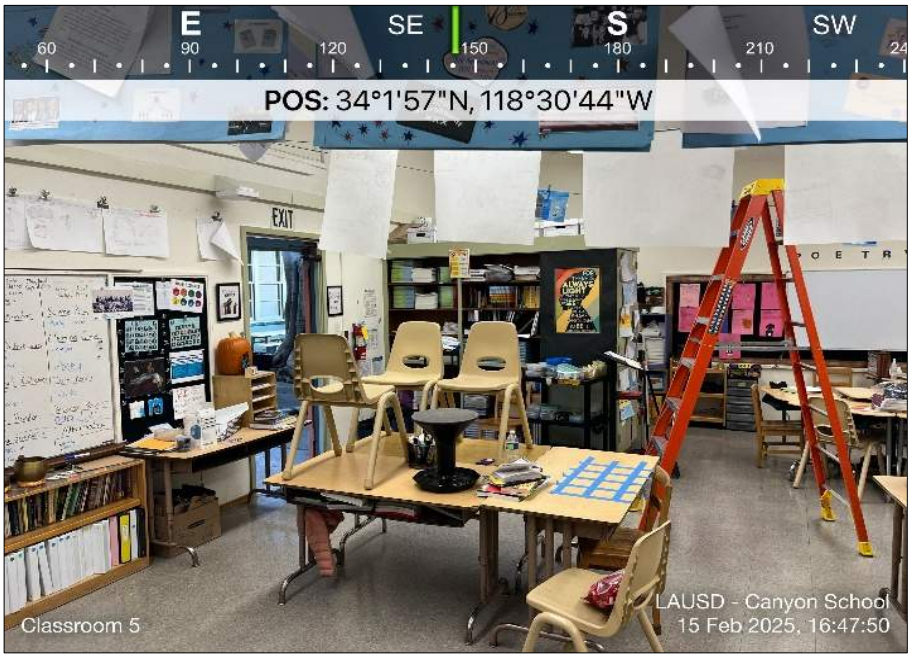


Photo No.	Date:
18	2/15/25

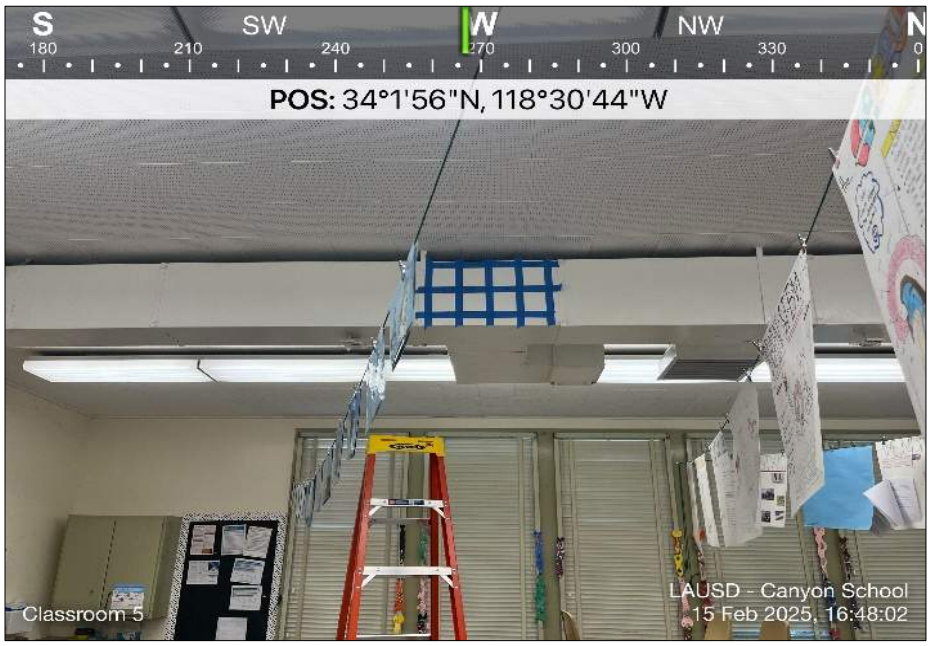
Direction Photo Taken:

West

Description:

Classroom 5

Sample ID:
Canyon-Wipe-4B



PHOTOGRAPH LOG
SURFACE WIPE SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
19	2/15/2025

Direction Photo Taken:

South

Description:

Classroom 6

Sample ID:
Canyon-Wipe-5A

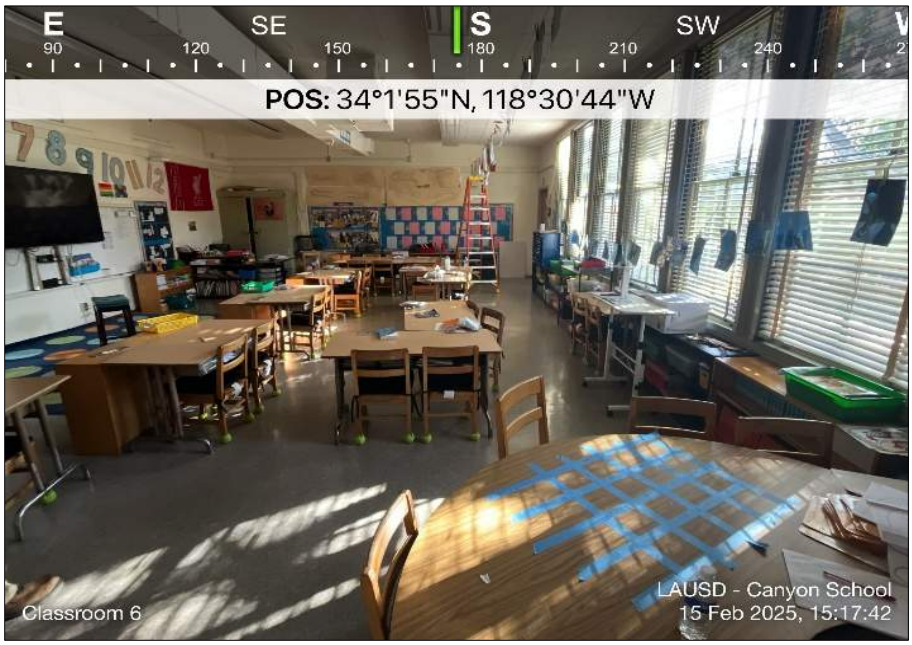


Photo No.	Date:
20	2/15/25

Direction Photo Taken:

Northeast

Description:

Classroom 6

Sample ID:
Canyon-Wipe-5B

PHOTOGRAPH LOG
SURFACE WIPE SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
21	2/15/2025

Direction Photo Taken:

Northwest

Description:

Classroom 8

Sample ID:
Canyon-Wipe-6A

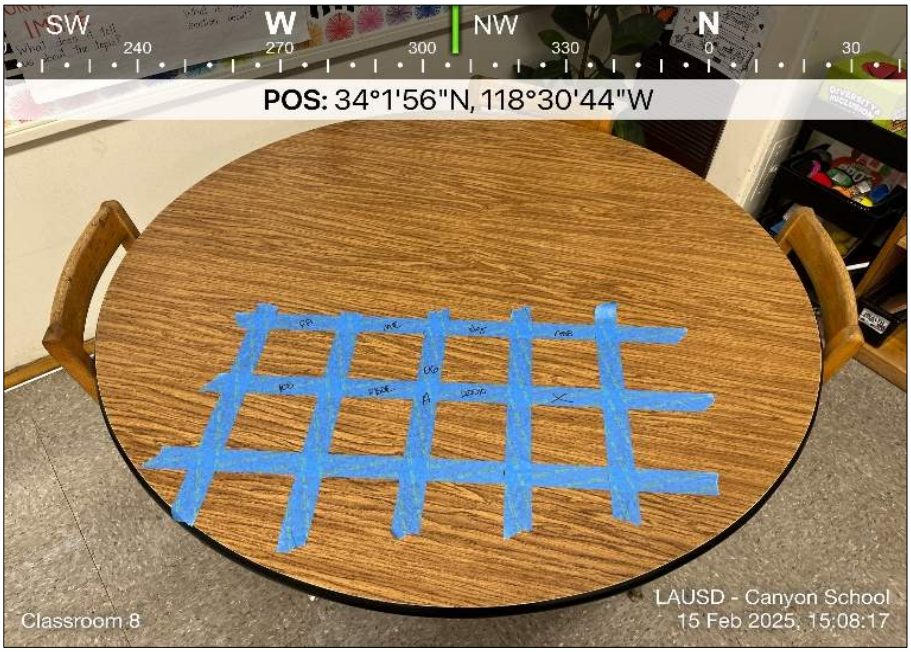


Photo No.	Date:
22	2/15/25

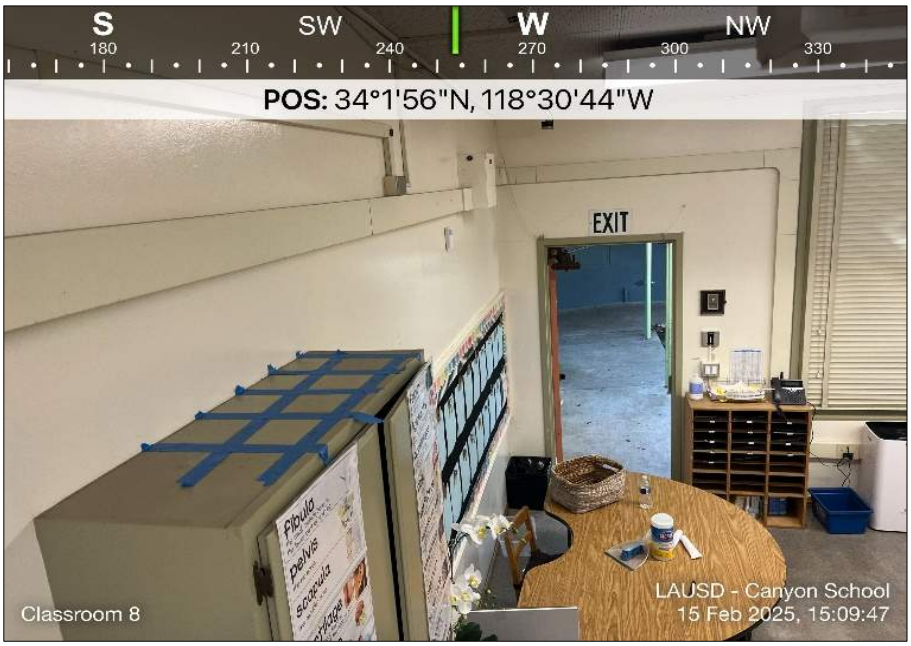
Direction Photo Taken:

West

Description:

Classroom 8

Sample ID:
Canyon-Wipe-6B



PHOTOGRAPH LOG
SURFACE WIPE SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
23	2/15/2025

Direction Photo Taken:

Southeast

Description:

Classroom 15

Sample ID:
Canyon-Wipe-7A

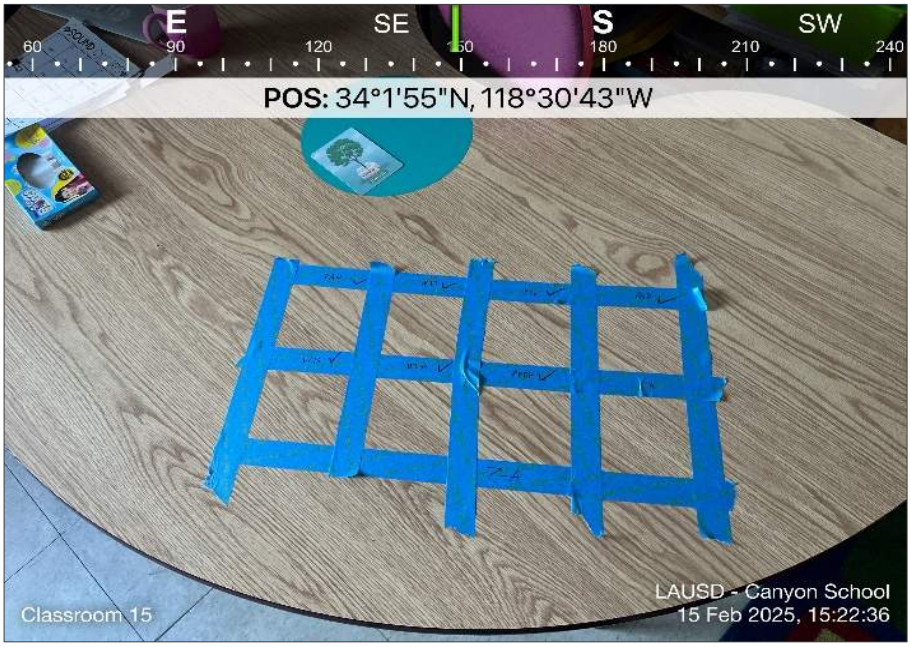


Photo No.	Date:
24	2/15/25

Direction Photo Taken:

East

Description:

Classroom 15

Sample ID:
Canyon-Wipe-7B

PHOTOGRAPH LOG
SURFACE WIPE SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
25	2/15/2025

Direction Photo Taken:

Southeast

Description:

Office

Sample ID:
Canyon-Wipe-8

PHOTOGRAPH LOG
SURFACE WIPE SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
26	2/15/2025

Direction Photo Taken:

Southwest

Description:

Library

Sample ID:
Canyon-Wipe-9A

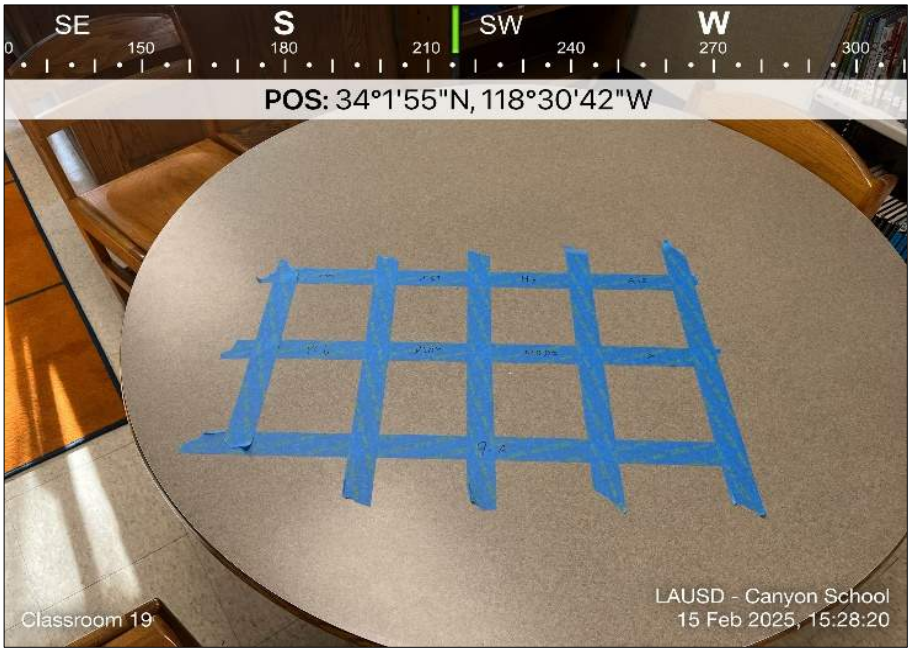


Photo No.	Date:
27	2/15/25

Direction Photo Taken:

South

Description:

Library / Classroom 19

Sample ID:
Canyon-Wipe-9B

PHOTOGRAPH LOG
SURFACE WIPE SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
28	2/15/2025

Direction Photo Taken:

Northwest

Description:

Classroom 16

Sample ID:
Canyon-Wipe-10A

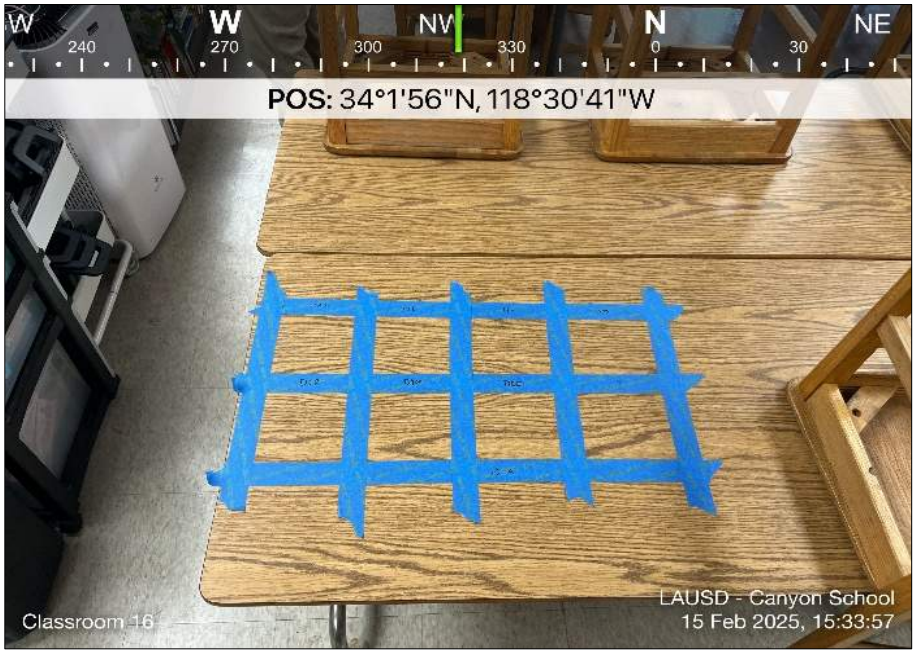


Photo No.	Date:
29	2/15/25

Direction Photo Taken:

Southeast

Description:

Classroom 16

Sample ID:
Canyon-Wipe-10B

PHOTOGRAPH LOG SURFACE WIPE SAMPLING		
Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
30	2/15/2025

Direction Photo Taken:

Southeast

Description:

Classroom 11

Sample ID:
Canyon-Wipe-11A

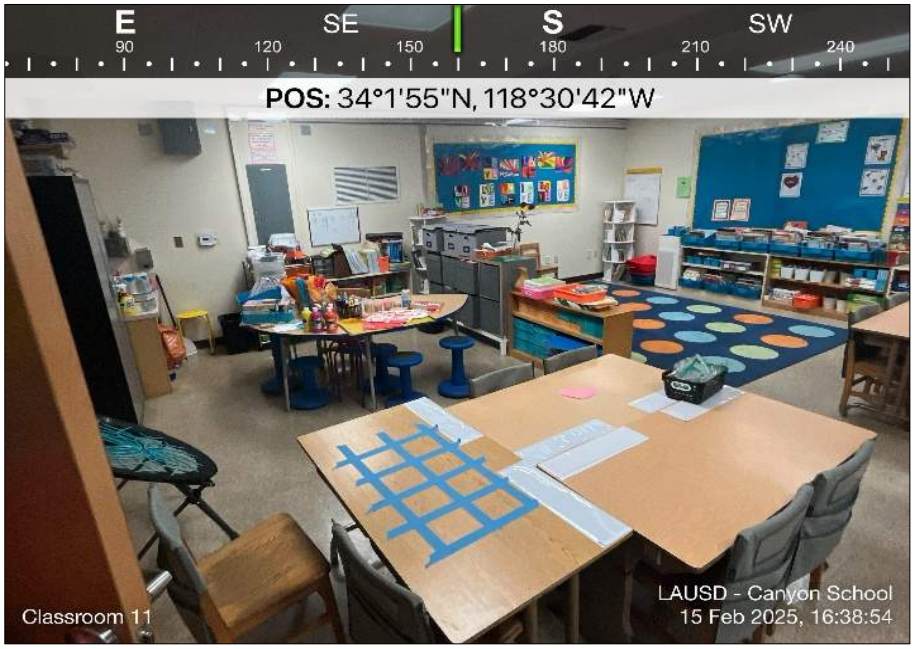


Photo No.	Date:
31	2/15/25

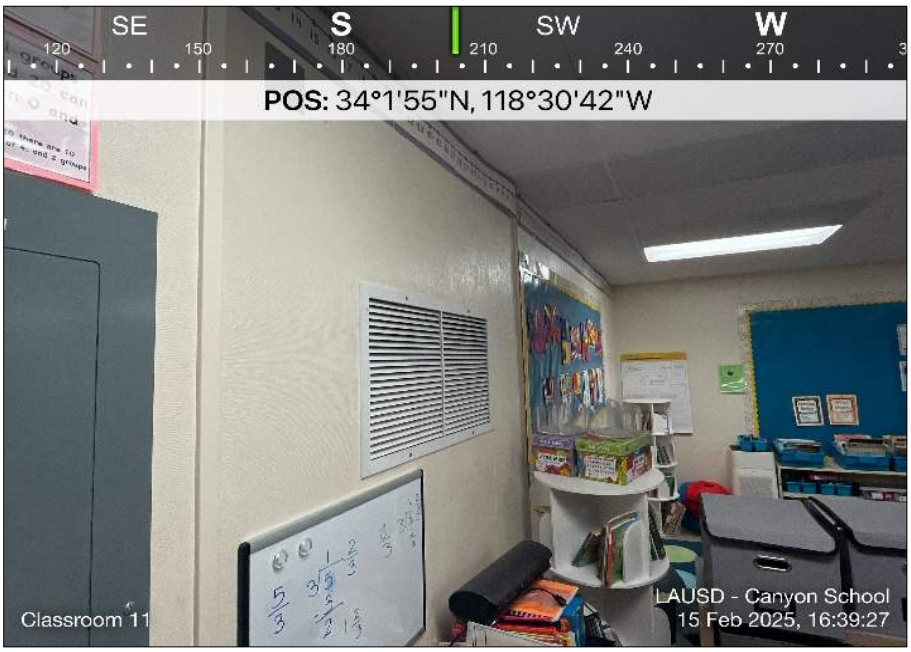
Direction Photo Taken:

Southwest

Description:

Classroom 11

Sample ID:
Canyon-Wipe-11B

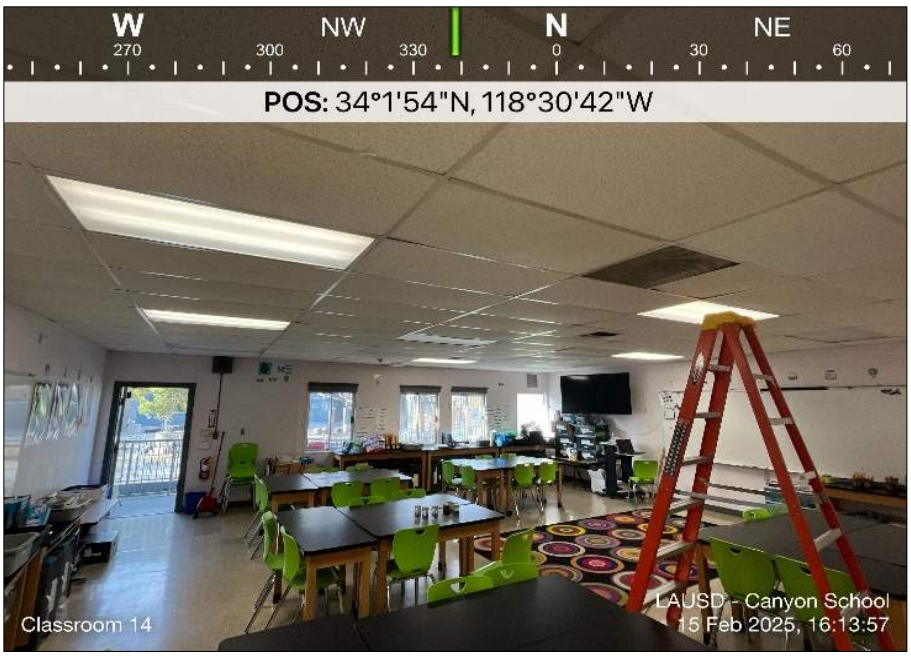


PHOTOGRAPH LOG
SURFACE WIPE SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No. 32	Date: 2/15/2025
Direction Photo Taken: Northwest	
Description: Classroom 14 Sample ID: Canyon-Wipe-12A	

Photo No. 33	Date: 2/15/25
Direction Photo Taken: Northwest	
Description: Classroom 14 Sample ID: Canyon-Wipe-12B	



PHOTOGRAPH LOG AIR SAMPLING		
Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
34	2/22/2025

Direction Photo Taken:

West

Description:

Classroom 11

Sample IDs:
Canyon-Air-1A
Canyon-Air-1B
Canyon-Air-1C

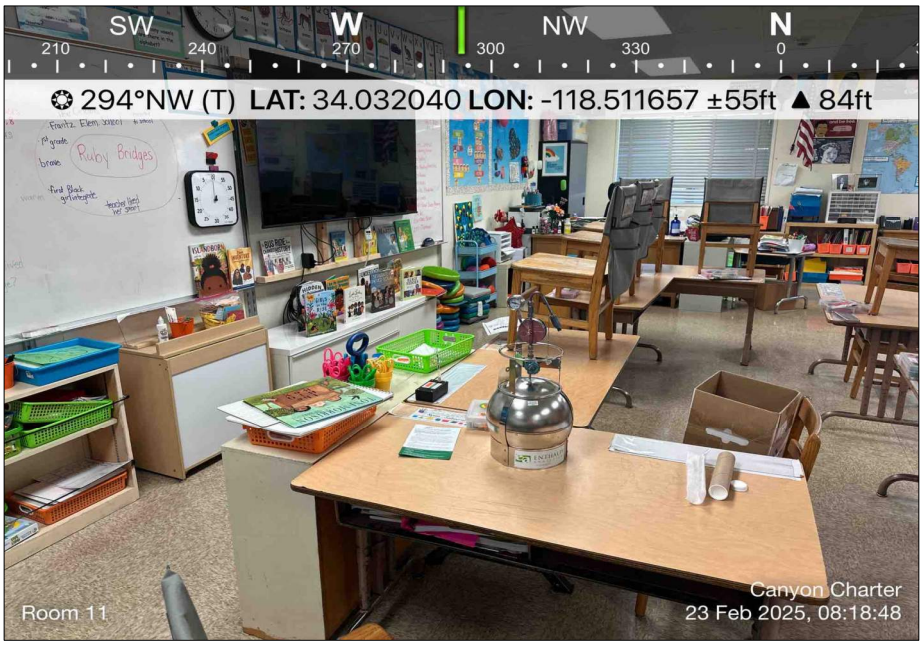


Photo No.	Date:
35	2/23/25

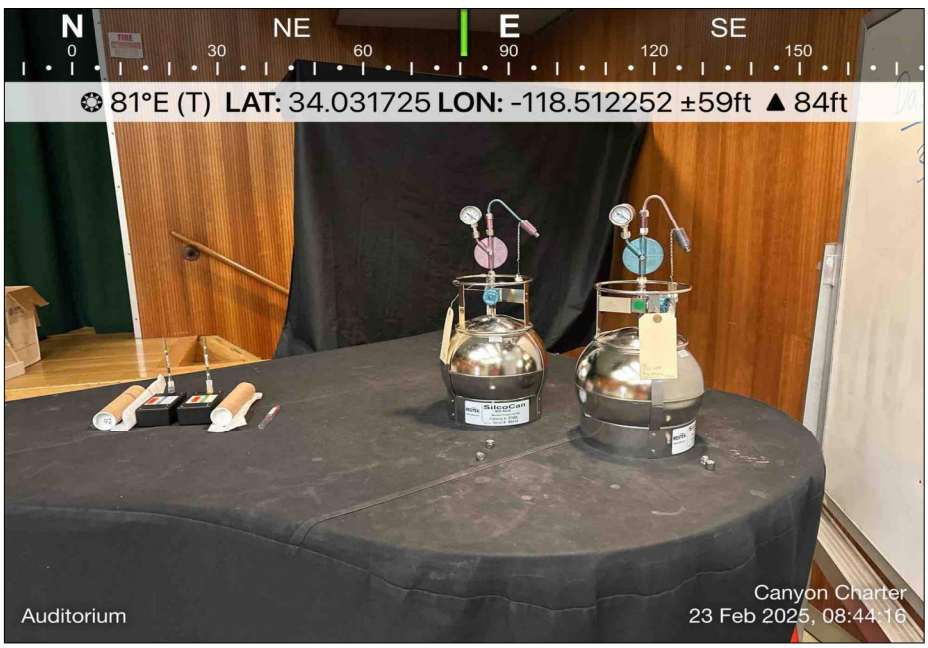
Direction Photo Taken:

Northwest

Description:

Assembly Building

Sample IDs:
Canyon-Air-2A
Canyon-Air-2B
Canyon-Air-2C



PHOTOGRAPH LOG
AIR SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No.	Date:
36	2/22/2025

Direction Photo Taken:

South

Description:

Classroom 6

Sample IDs:
Canyon-Air-3A
Canyon-Air-3B
Canyon-Air-3C

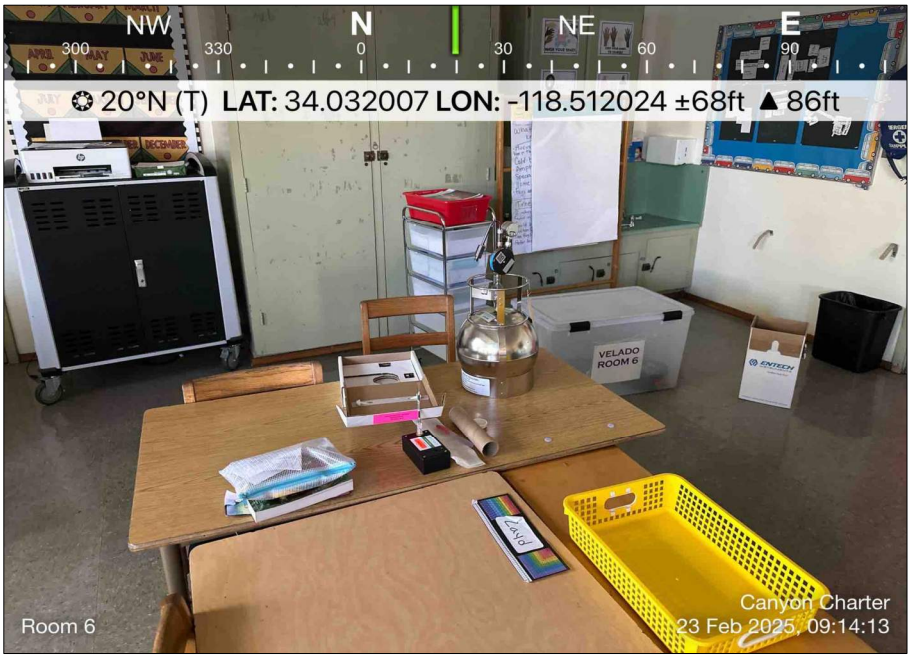


Photo No.	Date:
37	2/23/25

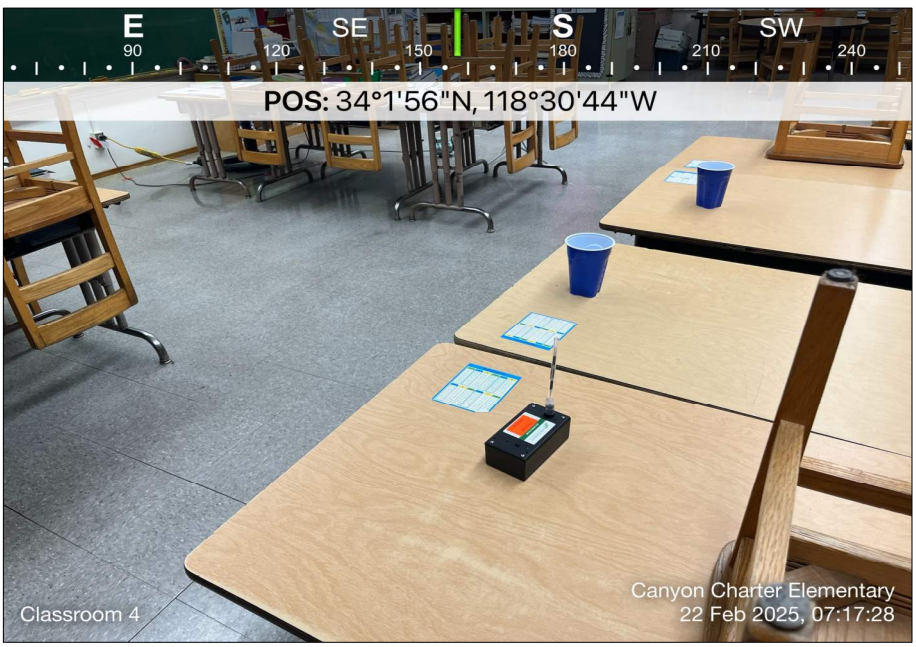
Direction Photo Taken:

Northeast

Description:

Classroom 8

Sample IDs:
Canyon-Air-4A
Canyon-Air-4B
Canyon-Air-4C



PHOTOGRAPH LOG
AIR SAMPLING

Facility Name: LAUSD Canyon Charter Elementary	Site Location: 421 Entrada Drive, Santa Monica, CA	TRC Project No. 652687.0000.0000

Photo No. 38	Date: 2/22/2025

Direction Photo Taken:

North

Description:

Outdoor Lunch Area

Sample IDs:
Canyon-Air-4A
Canyon-Air-4B
Canyon-Air-4C

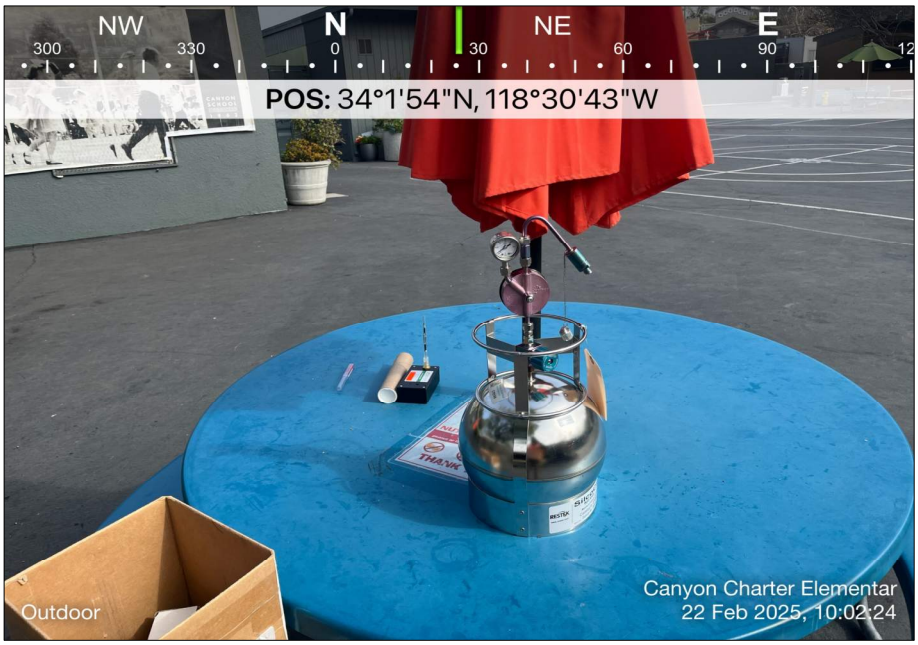


Photo No. 39	Date: 2/22/25

Direction Photo Taken:

West

Description:

Outdoor Quad Area

Asbestos Sample, Location 11

APPENDIX B

B2E Asbestos Report

B2 ENVIRONMENTAL
B2Environmental.com

March 4, 2025

Colin Campbell
TRC Companies
707 Wilshire Boulevard, Suite 3250
Los Angeles, CA 90017

Via email: ccampbell@trccompanies.com

RE: Asbestos Ambient Air Sampling
LAUSD – Canyon Charter Elementary School (2795)
421 Entrada Drive, Santa Monica, CA 90402
B2 Environmental Project #10015.0098

Dear Mr. Campbell:

Pursuant to your request, on February 22, 2025, B2 Environmental, Inc. (B2E) inspector, Richard Antoniano a California DOSH Certified Site Surveillance Technician (CSST #19-6670), under the direction of Raul Garcia a California DOSH Certified Asbestos Consultant (CAC #05-3783) conducted asbestos ambient air sampling at the Canyon Charter Elementary School (2795).

The asbestos ambient air sampling was conducted due to the recent wildfires which potentially may have affected asbestos-containing materials.

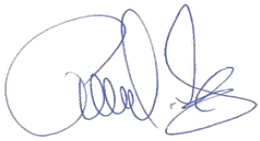
Asbestos air sampling, by Phase Contrast Microscopy (PCM), was conducted at various locations on the campus. It should be noted that the air sampling locations were pre-designated by TRC. Asbestos air sampling was conducted in accordance with modified Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA) guidelines and analyzed by Phase Contrast Microscopy (PCM). Air samples were collected using 0.8-micron mixed cellulose-ester filters (MCEF) in 25 mm open-faced cassettes.

PCM analysis was conducted by Eurofins Built Environment Testing West, LLC (AIHA-LAP IHLAP ID#276570), in accordance with the NIOSH 7400 Method utilizing "A" counting rules. The airborne fiber concentrations for the PCM air samples collected were below the EPA AHERA recommended “Clearance“ level of 0.01 fibers per cubic centimeter (f/cc) of air.

Based upon the measured airborne fiber levels it is B2E’s professional opinion that there is no recognizable hazard from airborne asbestos fibers at the time and locations of the ambient air sampling.

B2E appreciates the opportunity to be of service to TRC Companies. If you have questions or need additional information, please feel free to contact me at (626) 507-7161

Sincerely,
B2 Environmental, Inc.



Raul Garcia
California Certified Asbestos Consultant #-05-3783
Expires May 19, 2025 Raul@B2E.com

Attachments:

A. Daily Field Log

B. Asbestos Air Monitoring Results (PCM)

C. Pre-Designated Sample Locations Map

D. Qualifications

APPENDIX A
DAILY FIELD LOG

B2 ENVIRONMENTAL
B2Environmental.com

Daily Shift Review

Client Name: TRC
LAUSD - Canyon Charter ES
Site Address: 421 Entrada Drive
~~Santa Monica, CA 90402~~

Time In: 0600
Time Out: 1000

Date/Shift: 2/22/25
Project Number: 10015.0098
Contractor/Foreman: —
No. of Workers + Foreman: — +F.M.

Area: various Locations Throughout Campus - Certain Blogs Outside

Air Samples Collected During Shift	PCM	Lead Air	Dust	_____(Other)
Background				
Inside Work Area (IWA)				
Outside Work Area (OWA)				
(Decon_____; Neg-air_____; Critical _____)				
(Upwind_____; Downwind_____)				
Clearance (CLR)				
Personals (PER)				
Other (OTH) (Ambient)	8			
Field Blanks (FLB)	2			
Box Blanks (BB)	1			
Total Samples Collected	11			

Activities Conducted During Shift:

PCM Ambient Air Sampling

Comments Related to Shift Activities/Performance:

B2E Representative: Richard M. Antoniano

B2 ENVIRONMENTAL
B2Environmental.com

Daily Field Log

Client: TRC
LAUSD - Canyon Charter ES

Date/Shift: 2/22/25

Work Location: ~~431 Entrada Drive Santa Monica, CA 90402~~

Project Number: 10015.0098

Area: Various Locations Throughout Campus - Certain Bldgs / Outside

0600 - Richard Antoniano / Yaritzie Moreno on site to conduct ambient PCM air sampling in pre-determined areas by TRC.

0615 - Safety meeting with TRC

0630 - Unload equipment, begin set-up in pre-determined locations (003DCN Auditorium / Assembly, 004DAL classroom Bldg Rooms 3+4, 005DAL classroom Bldg Rooms 6+8, 006DAA Library Bldg, Room #11 Relocatable, Exterior - middle campus). All equipment grounded using GFCI's.

0720 - Eight high flow pumps, each set at 9.8 flow rate placed in center of before mentioned areas.

0830 - Pumps checked.

0935 - Samples collected. Begin loading of equipment

1006 - offsite.

B2E Representative: Richard Antoniano

APPENDIX B
ASBESTOS AIR MONITORING RESULTS
(PCM)

eurofins | Built Environment Testing

Report for:

Raul Garcia
B2 Environmental
1773 W San Bernardino Rd STE B28
West Covina, CA 91790

Regarding: Eurofins Built Environment Testing West, LLC
Project: TRC; LAUSD - Canyon Charter Elementary School (2795)
EML ID: 3958714

Approved by:

Laboratory Manager
Peter Mai

Dates of Analysis:
Asbestos-airborne fiber count (NIOSH 7400): 02-25-2025

Service SOPs: Asbestos-airborne fiber count (NIOSH 7400) (EB-AS-S-1260)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. Information supplied by the client which can affect the validity of results: sample air volume.

Eurofins Built Environment Testing West, LLC
931 Corporate Center Drive, Pomona, CA 91768
(833) 465-5857 www.eurofinsus.com/Built

Client: B2 Environmental
C/O: Raul Garcia
Re: TRC; LAUSD - Canyon Charter Elementary School (2795)

Date of Sampling: 02-24-2025
Date of Receipt: 02-24-2025
Date of Report: 02-25-2025

ASBESTOS AND OTHER FIBERS BY PCM: NIOSH 7400 METHOD

Lab ID-Version‡	Volume (liters)	Fibers Detected	Fields Read	Fibers/mm²	95% UCL*	Fibers per CC
Location: 1, Field Blank #1 (Inside)			Comments:			
19667717-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
Location: 2, Field Blank #2 (Outside)			Comments:			
19667718-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
Location: 3, Sealed Blank			Comments:			
19667719-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
Location: 4, 002DCN Auditorium/Assembly - Center			Comments:			
19667720-1	1,205.4	< 5.5	100	< 7	< 0.002 (Sr = N/A)	< 0.002
Location: 5, 004DAL Classroom Bldg - Room #2 Center			Comments:			
19667721-1	1,205.4	< 5.5	100	< 7	< 0.002 (Sr = N/A)	< 0.002
Location: 6, 004DAL Classroom Bldg - Room #4 Center			Comments:			
19667722-1	1,205.4	< 5.5	100	< 7	< 0.002 (Sr = N/A)	< 0.002
Location: 7, 005DAL Classroom Bldg - Room #6 Center			Comments:			
19667723-1	1,205.4	< 5.5	100	< 7	< 0.002 (Sr = N/A)	< 0.002
Location: 8, 005DAL Classroom Bldg - Room #8 Center			Comments:			
19667724-1	1,205.4	< 5.5	100	< 7	< 0.002 (Sr = N/A)	< 0.002
Location: 9, 006DAA Library - Center			Comments:			
19667725-1	1,205.4	< 5.5	100	< 7	< 0.002 (Sr = N/A)	< 0.002
Location: 10, Room #11			Comments:			
19667726-1	1,205.4	< 5.5	100	< 7	< 0.002 (Sr = N/A)	< 0.002

A counting rules used unless otherwise specified in report comments.
Interpretation is left to the company and/or persons who conducted the field work.
Field blanks, if submitted with the project, have been used to correct the data. Omission of 2 field blank samples should be considered a deviation from the NIOSH 7400 method.
Reporting limit is calculated using a minimum detection limit of 7 fibers/mm2.
* Upper 95% Confidence Limit for fibers/cc, calculated using a relative standard deviation value (intralaboratory Sr) mentioned above.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins Built Environment Testing West, LLC
931 Corporate Center Drive, Pomona, CA 91768
(833) 465-5857 www.eurofinsus.com/Built

Client: B2 Environmental
C/O: Raul Garcia
Re: TRC; LAUSD - Canyon Charter Elementary School (2795)

Date of Sampling: 02-24-2025
Date of Receipt: 02-24-2025
Date of Report: 02-25-2025

ASBESTOS AND OTHER FIBERS BY PCM: NIOSH 7400 METHOD

Lab ID-Version‡	Volume (liters)	Fibers Detected	Fields Read	Fibers/mm²	95% UCL*	Fibers per CC
Location: 11, Exterior (Middle of Campus)				Comments:		
19667727-1	1,205.4	< 5.5	100	< 7	< 0.002 (Sr = N/A)	< 0.002

A counting rules used unless otherwise specified in report comments.
Interpretation is left to the company and/or persons who conducted the field work.
Field blanks, if submitted with the project, have been used to correct the data. Omission of 2 field blank samples should be considered a deviation from the NIOSH 7400 method.
Reporting limit is calculated using a minimum detection limit of 7 fibers/mm2.
* Upper 95% Confidence Limit for fibers/cc, calculated using a relative standard deviation value (intralaboratory Sr) mentioned above.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins Built Environment Testing West, LLC
931 Corporate Center Drive, Pomona, CA 91768
(833) 465-5857 www.eurofinsus.com/Built

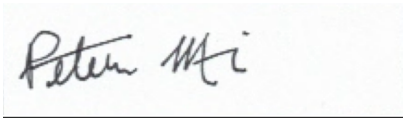
Client: B2 Environmental
C/O: Raul Garcia
Re: TRC; LAUSD - Canyon Charter Elementary School (2795)

Date of Sampling: 02-24-2025
Date of Receipt: 02-24-2025
Date of Report: 02-25-2025

ASBESTOS AND OTHER FIBERS BY PCM: NIOSH 7400 METHOD

PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst



Analyst: Peter Mai

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

CHAIN OF CUSTODY eurofins | Built Environment Testing

www.eurofinsus.com/Built

East: (866) 871-1984
Central: (800) 651-4802
West: (866) 888-6653

003958714

WEATHER	Fog	Rain	Snow	Wind	Clear
LEVEL None					
Light					
Moderate					
Heavy					

INFORMATION

Company:	B2 Environmental, Inc	Address:	1773 W. San Bernardino Rd. Suite B28, West Covina, CA 91790
Contact:	Richard Garcia - richard@b2e.com	Special Instructions:	Please attach copy of sample plot map with results
Phone:	562-652-5500		

PROJECT INFORMATION

Project ID:	TRC		
Project Description:	LAUSD - Canyon Charter Elementary School (2795)		
Project Zip Code:	90402	Sampling Date/Time:	02/22/2025
PO Number:		Sampled By:	Richard Antoniano

TURN AROUND TIME CODES - (TAT)

STD - Standard (Default)
ND - Next Business Day
SD - Same Business Day
WH - Weekend/Holiday/ASAP

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

REQUESTED SERVICES

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)	Non-Culturable: Spore Trap: Spore Trap Analysis	Non-Culturable: Tape, Swab, Bulk: Other biological particles - supplement	Non-Culturable: Tape, Swab, Bulk: Direct Microscopic Exam (Qualitative)	Non-Culturable: Tape, Swab, Bulk: Quantitative spore count direct exam	Non-Culturable: Tape, Swab, Bulk: Dust Characterization	Culturable: BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate: 1-Media Surface Fungi (Genus ID + Asp. spp.)	Culturable: BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate: Culturable Air Fungi (Genus ID + Asp. spp.)	Culturable: BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate: Gram Stain and Counts (Culturable Air and Surface Bacteria)	Culturable: BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate: *Legionella* culture	Culturable: BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate: Total Coliform, *E.coli* (Presence/Absence)	Culturable: BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate: Quanti-Tray-Sewage Screen	Culturable: BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate: OTHER: (please specify test)	Other Requests: Asbestos in Air - PCM Airborne Fiber Count (NIOSH 7400)	Other Requests: Asbestos Bulk - PLM	Other Requests: Lead (Pb) - Flame AA	Other Requests: PCR (please specify test)	Other Requests: Allergens (please specify test)
	See attached COC	AIR PCM	24hr															X				

SAMPLE TYPE CODES

BC - BioCassette™	**CP** - Contact Plate	**T** - Tape	**O** - Other:
A1S - Andersen	**ST** - Spore Trap	**SW** - Swab	
SAS - Surface Air Sampler	**B** - Bulk	**SO** - Soil	
NP - Non-potable Water	**P** - Potable Water	**D** - Dust	

RELINQUISHED BY	DATE & TIME
Richard M. Antoniano	2/24/25 1158

RECEIVED BY	DATE & TIME
Peter Mai	2/24/25 12:00pm

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at: https://www.eurofinsus.com/environment-testing/built-environment/resources/sampling-guides-and-forms

B2 ENVIRONMENTAL
B2Environmental.com

AIR SAMPLE DATA LOG

Page 1 of 2

Client Name: TRC

Project Location: Los Angeles Unified School District - Canyon Charter Elementary School (2795)
421 Entrada Dr, Santa Monica, CA 90402

Date: 02/22/2025 Field Technician: Richard Antoniano

Project Number: 10015.0098 Priority: On-Site __ ASAP ___ 24 HR (X) 3-5 Days __

Area Various Locations Throughout Campus Inside Certain Buildings & Outside

Sample Number	Time On / Time Off	Total Minutes	Flow Before / Flow After	Sample Volume	Sample Location	Fibers/ Fields	F/CC
1	X	30 sec	X	X	Field Blank #1 (Inside)		
2	X	30 sec	X	X	Field Blank #2 (Outside)		
3	X	X	X	X	Sealed Blank		
4	0709 / 0912	123	9.8 / 9.8	1205.4	002DCN Auditorium / Assembly - center		
5	0711 / 0914	123	9.8 / 9.8	1205.4	004DAL classroom Bldg - Room #2 center		
6	0713 / 0915	123	9.8 / 9.8	1205.4	↓ - Room #4 center		
7	0714 / 0917	123	9.8 / 9.8	1205.4	005DAL classroom Bldg - Room #6 center		
8	0716 / 0919	123	9.8 / 9.8	1205.4	↓ - Room #8 center		
9	0719 / 0922	123	9.8 / 9.8	1205.4	006DAA Library - center		

D/L-Detection Limit F/C-Fiber Count F/CC-Fiber per Cubic Centimeter

Chain of Custody Analytical Method: PCM (NIOSH 7400) (X) TEM: ___ Other: _____

Sampled By	Richard M. Antoniano	Date 2/22/25	Time 0925
Analyzed By		Date	Time
Relinquished By	Richard M. Antoniano	Date 2/22/25	Time 1158
Received By		Date	Time
Relinquished By		Date	Time
Received By		Date	Time

B2 ENVIRONMENTAL
B2Environmental.com

AIR SAMPLE DATA LOG

Page 2 of 2

Client Name: TRC

Project Location: Los Angeles Unified School District - Canyon Charter Elementary School (2795)
421 Entrada Dr, Santa Monica, CA 90402

Date: 02/22/2025 Field Technician: Richard Antoniano

Project Number: 10015.0098 Priority: On-Site __ ASAP ___ 24 HR (X) 3-5 Days __

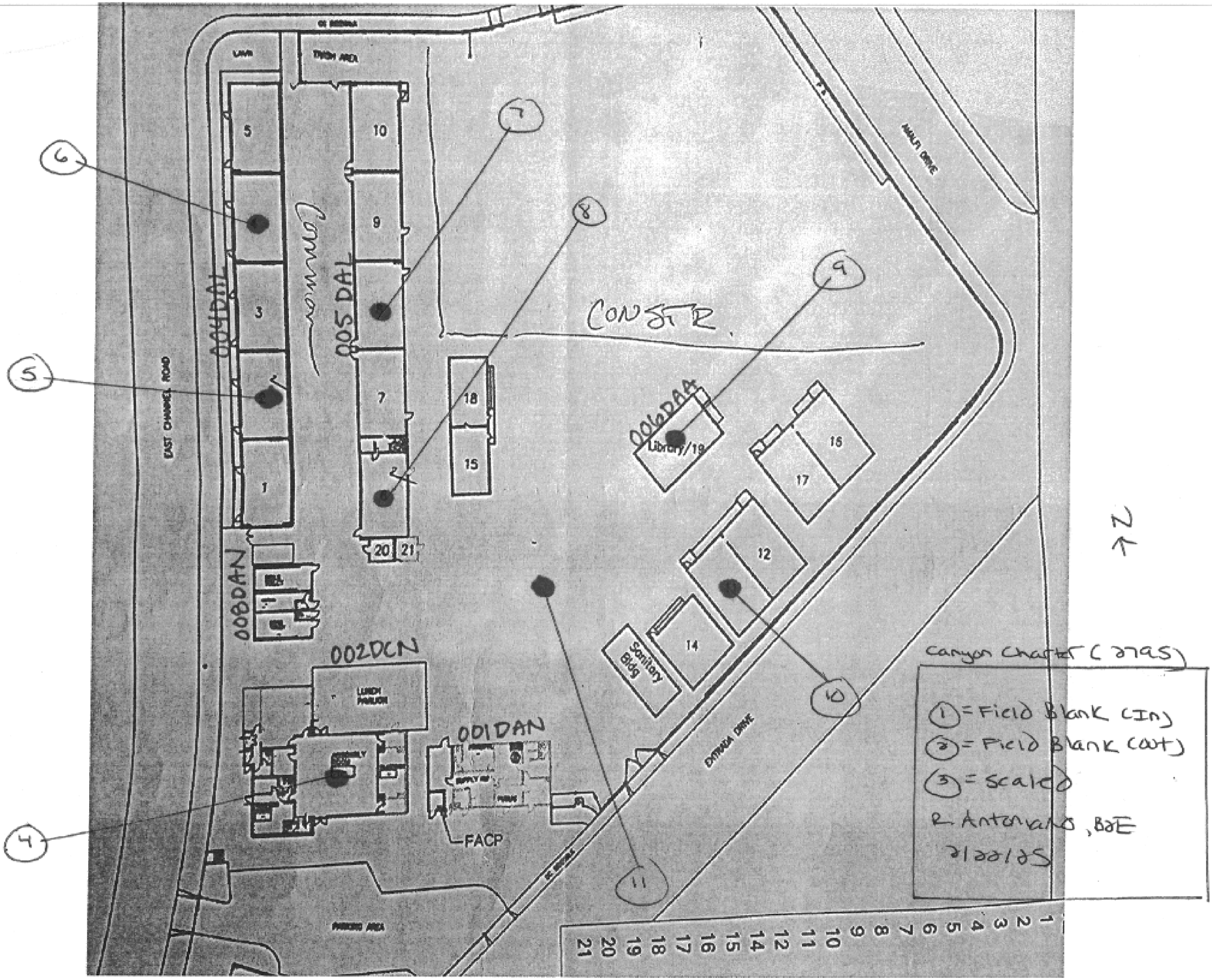
Area Various Locations Throughout Campus Inside Certain Buildings & Outside

Sample Number	Time On / Time Off	Total Minutes	Flow Before / Flow After	Sample Volume	Sample Location	Fibers/ Fields	F/CC
10	0730 / 0933	123	9.8 / 9.8	1205.4	Room #11		
11	0733 / 0935	123	9.8 / 9.8	1205.4	Exterior (middle of campus)		
	/		/				
	/		/				
	/		/				
	/		/				
	/		/				
	/		/				
	/		/				

D/L-Detection Limit F/C-Fiber Count F/CC-Fiber per Cubic Centimeter

Chain of Custody Analytical Method: PCM (NIOSH 7400): (X) TEM: ____ Other: _____

Sampled By	Richard M. Antoniano	Date 2/22/25	Time 0925
Analyzed By		Date	Time
Relinquished By	Richard M. Antoniano	Date 2/24/25	Time 1158
Received By		Date	Time
Relinquished By		Date	Time
Received By		Date	Time



Canyon Charter (2795)
1 = Field Blank (In)
2 = Field Blank (out)
3 = Scaled
R. Antonano, BoE
2/22/25
N
EAST CHANNEL ROAD
AMALFI DRIVE
ENTRADA DRIVE
TRASH AREA
PARKING AREA
LUNCH PAVILION
Library/19
Sanitary Bldg
FACP
CONSTR
Common
004DAL
005DAL
006DAA
008DAN
002DCN
001DAN
1
2
3
4
5
6
7
8
9
10
11
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15
16
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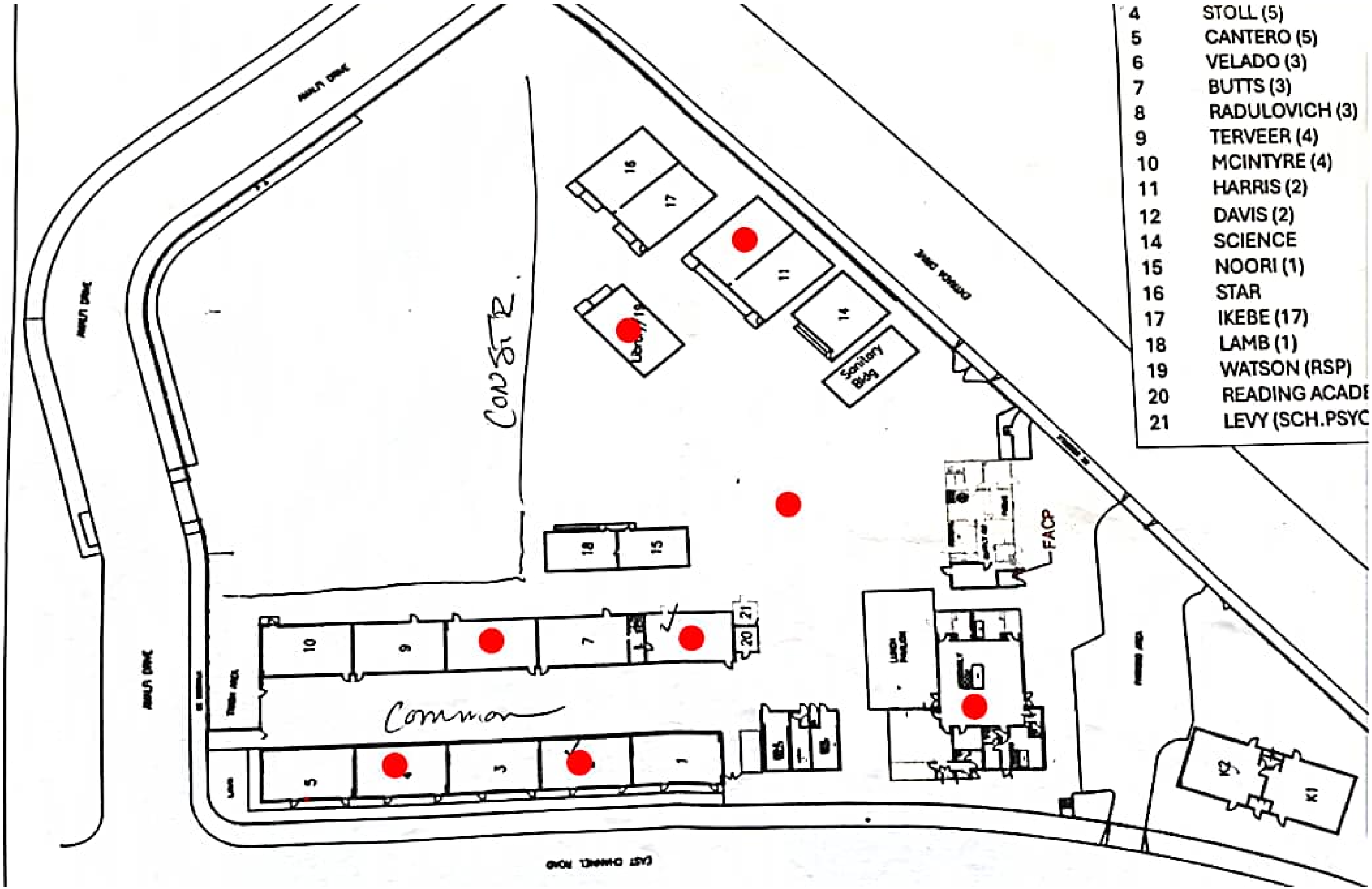
18
19
20
21

APPENDIX C
PRE-DESIGNATED SAMPLE LOCATIONS MAP



APPENDIX D
QUALIFICATIONS

State of California
Division of Occupational Safety and Health

Certified Site Surveillance Technician

Richard M Antoniano

Name

Certification No. **19-6670**

Expires on **11/13/25**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Name **Raul Garcia Jr.**

Certification No. **05-3783**

Expires on **05/19/25**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

APPENDIX C

Laboratory Analytical Reports

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number	:	526623
Report Level	:	II
Report Date	:	02/21/2025
Revision	:	**1 (See narrative)**

Analytical Report *prepared for:*

Colin Campbell
TRC Solutions, Inc.
6 Executive Circle
Suite 200
Irvine, CA 92614

Location: LAUSD Canyon Charter 652687.0000.0000

Authorized for release by:

Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Colin Campbell
TRC Solutions, Inc.
6 Executive Circle
Suite 200
Irvine, CA 92614

Lab Job #: 526623
Location: LAUSD Canyon Charter 652687.0000.0000
Date Received: 02/17/25

Sample ID	Lab ID	Collected	Matrix
CANYON-SOIL-1-02152025	526623-001	02/15/25 07:46	Soil
CANYON-SOIL-2-02152025	526623-002	02/15/25 08:05	Soil
CANYON-SOIL-3-02152025	526623-003	02/15/25 08:15	Soil
CANYON-SOIL-4-02152025	526623-004	02/15/25 08:40	Soil
CANYON-SOIL-5-02152025	526623-005	02/15/25 08:50	Soil
CANYON-SOIL-6-02152025	526623-006	02/15/25 09:00	Soil
CANYON-SOIL-7-02152025	526623-007	02/15/25 09:50	Soil
CANYON-SOIL-8-02152025	526623-008	02/15/25 09:56	Soil
CANYON-SOIL-9-02152025	526623-009	02/15/25 10:05	Soil
DUP-1	526623-010	02/15/25 00:00	Soil
CANYON-STOCKPILE-02152025	526623-011	02/15/25 10:15	Soil
EB-1	526623-012	02/15/25 00:00	Water
TB	526623-013	02/15/25 00:00	Water

ENTHALPY ANALYTICAL

Case Narrative

TRC Solutions, Inc. 6 Executive Circle Suite 200 Irvine, CA 92614 Colin Campbell	Lab Job Number: 526623 Location: LAUSD Canyon Charter 652687.0000.0000 Date Received: 02/17/25

- This data package contains sample and QC results for eleven soil samples and one water sample, requested for the above referenced project on 02/17/25. The samples were received cold and intact.
- Revised report on 2/21/25 to include the asbestos result for the EB water sample.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM) Water:
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM) Soil:

- Lab numbers 526623-001, 526623-002, 526623-004, 526623-005, and 526623-006 were diluted due to the dark and viscous nature of the sample extracts. Extract color and/or viscosity are used as indicators of possible matrix interference. Elevated reporting limits were due to the necessary dilution.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A) Water:
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A) Soil:

- Low recoveries were observed for antimony in the MS/MSD of CANYON-SOIL-1-02152025 (lab # 526623-001); the LCS was within limits, and the associated RPD was within limits. High recovery was observed for barium in the MSD of CANYON-SOIL-1-02152025 (lab # 526623-001); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

100.1 Asbestos (EPA 100.1 Asbestos):
AmeriSci Richmond in Midlothian, VA performed the analysis (see sublab report section for certifications). Please see the AmeriSci Richmond case narrative.

Asbestos by ID-191 (ASBESTOS ID-191):
AmeriSci Los Angeles in Carson, CA performed the analysis (see sublab report section for certifications). Please see the AmeriSci Los Angeles case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 526623

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:		1 Day:	x	Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue

714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	TRC Solutions, Inc	Name:	LAUSD Canyon Charter
Report To:	Colin Campbell	Number:	652687.0000.0000
Email:	ccampbell@trccompanies.com	P.O. #:	
Address:	707 Wilshire Blvd	Address:	421 Entrada Dr
	Los Angeles, CA 90017		Santa Monica, CA 90402
Phone:	213-310-1563	Global ID:	
Fax:	NA	Sampled By:	Daniel Aguilar and Josh Cottingham

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	EPA 6010B T22 Metals	EPA 7471A - Hg	8270 - SIM - PAHs (Low Level)	PLM - Asbestos	EPA Method 1633 PFAS	EPA 8315 Formaldehyde	EPA 8082 - PCBs	EPA Method 8290 (Dioxins and Furans)	EPA Method 1614A (PBDEs)		Test Instructions / Comments
1	Canyon-Soil-1-02152025	2-15-25	0746	Soil	3	NA	x	x	x	x							Analyze PAH, Asbestos, and T22 metals inc Mercury. Hold other analyses.
2	Canyon-Soil-2-02152025	2-15-25	0805	Soil	3	NA	x	x	x	x							
3	Canyon-Soil-3-02152025	2-15-25	0815	Soil	3	NA	x	x	x	x							
4	~~Canyon-Soil-3-02152025~~	~~2-15-25~~	SC														
5	Canyon-Soil-4-02152025	2-15-25	0840	Soil	3	NA	x	x	x	x							
6	Canyon-Soil-5-02152025	2-15-25	0850	Soil	3	NA	x	x	x	x							
7	Canyon-Soil-6-02152025	2-15-25	0900	Soil	3	NA	x	x	x	x							
8	Canyon-Soil-7-02152025	2-15-25	0950	Soil	3	NA	x	x	x	x							
9	Canyon-Soil-8-02152025	2-15-25	0956	Soil	3	NA	x	x	x	x							
10	Canyon-Soil-9-02152025	2-15-25	1005	Soil	3	NA	x	x	x	x							

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	D	Daniel Aguilar	TRC / Staff Scientist	2/17/25 1100
[1] Received By:				2/17/25 1100
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: S26623

Page: 2 of 2

Turn Around Time (rush by advanced notice only)					
Standard:		5 Day:		3 Day:	
2 Day:		1 Day:	x	Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue

714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	TRC Solutions, Inc	Name:	LAUSD Canyon Charter
Report To:	Colin Campbell	Number:	652687.0000.0000
Email:	ccampbell@trccompanies.com	P.O. #:	
Address:	707 Wilshire Blvd	Address:	421 Entrada Dr
	Los Angeles, CA 90017		Santa Monica, CA 90402
Phone:	213-310-1563	Global ID:	
Fax:	NA	Sampled By:	Daniel Aguilar and Josh Cottingham

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	EPA 6010B T22 Metals	EPA 7471A - Hg	8270 - SIM - PAHs (Low Level)	PLM - Asbestos	EPA Method 1633 PFAS	EPA 8315 Formaldehyde	EPA 8082 - PCBs	EPA Method 8290 (Dioxins and Furans)	EPA Method 1614A (PBDEs)		Test Instructions / Comments
1	DUP-1	2-15-25	—	Soil	3	NA	x	x	x	x							Analyze PAH, Asbestos, and T22 metals inc Mercury. Hold other analyses.
2	canyon-stockpile-02152025	2-15-25	1015	soil	3	NA	x	x	x	x							
3	EB-1	2-15-25		W	11	NA	x	x	x	x	x	x	x	x			
4	TB			W	~~2~~ 3	NA											
5																	
6																	
7																	
8																	
9																	
10																	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	D Aguilar	Daniel Aguilar	TRC / Staff Scientist	2/17/25 1100
[1] Received By:	G. Cim	G. Cim	EA	2/17/25 1100
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 2/17/25 WO# 526623 Client: TRC Solutions, Inc.

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ■ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ■ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 2/17/25 By (initials) GCK Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR13 CF: 0

Cooler Temp (°C) #1: 4.6 / 4.6 #2: 3.2 / 3.2 #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	x		
2) Is the sampler's name present on the CoC?	x		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	x		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	x		
5) Were all of, and only, the correct samples received?	x		
6) Are sample labels present, legible, and in agreement with the CoC?	x		
7) Does the container count match the CoC?	x		
8) Was sufficient sample volume / mass received for the analyses requested?	x		
9) Were samples received in proper containers for the analyses requested?	x		
10) Were samples received with > 1/2 holding time remaining?	x		
11) Are samples properly preserved as indicated by CoC / labels?	x		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			x
13) Are VOA vials free from headspace/bubbles > 6mm?	x		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 2/17/25 **By (print)** G. Kim **(sign)** [signature]

Date Labeled 2/17/25 **By (print)** Orange **(sign)** [signature]

Outlook

RE: [EXTERNAL] LAUSD Canyon Charter 652687.0000.0000 - Enthalpy Login Summary (526623)

From Campbell, Colin <CCampbell@trccompanies.com>
Date Mon 2/17/2025 12:09 PM
To Patty Mata <patty.mata@enthalpy.com>

No, please analyze only for the matching soil analyses: PAH, T22 Metals, and Asbestos. Please hold the additional analyses.

Colin Campbell, PG, CHST
Project Manager | ECR Unit S Safety Lead

707 Wilshire Boulevard, Suite 3250, Los Angeles, CA 90017
C 213.310.1563 | ccampbell@trccompanies.com
LinkedIn | Instagram | TRCcompanies.com

From: Enthalpy Orange Sample Control <sample.control.orange@enthalpy.com>
Sent: Monday, February 17, 2025 11:54 AM
To: Campbell, Colin <CCampbell@trccompanies.com>
Cc: patty.mata@enthalpy.com
Subject: [EXTERNAL] LAUSD Canyon Charter 652687.0000.0000 - Enthalpy Login Summary (526623)

Can you please confirm you want the EB run for all tests except PBDE? Also, I don't think we can do rush 1 day TAT for the EB tests. Would you like standard TAT for EB or did you need this rush ASAP for the EB tests too?

Enthalpy Analytical - Orange

Enthalpy Login Summary for 526623

Project:	STANDARD
Site:	LAUSD Canyon Charter 652687.0000.0000
Lab Login #:	526623
Report Level:	II
PO#:	
Lab Proj Mgr:	Patty Mata
TAT:	1 business day

Report To:	TRC Solutions, Inc. 6 Executive Circle Suite 200 Irvine, CA 92614 ATTN: Colin Campbell 949-727-9336
Bill To:	TRC Solutions, Inc. 17911 Von Karman Avenue Suite 400 Irvine, CA 92614 ATTN: Colin Campbell 949-727-9336

ENTHALPY ANALYTICAL

Analysis Results for 526623

Colin Campbell
TRC Solutions, Inc.
6 Executive Circle
Suite 200
Irvine, CA 92614

Lab Job #: 526623
Location: LAUSD Canyon Charter 652687.0000.0000
Date Received: 02/17/25

Sample ID:	Lab ID: 526623-001	Collected: 02/15/25 07:46
CANYON-SOIL-1-02152025	Matrix: Soil	

526623-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	363386	02/18/25	02/18/25	CAP
Arsenic	**3.4**		mg/Kg	0.95	0.95	363386	02/18/25	02/18/25	CAP
Barium	**80**		mg/Kg	0.95	0.95	363386	02/18/25	02/18/25	CAP
Beryllium	ND		mg/Kg	0.48	0.95	363386	02/18/25	02/18/25	CAP
Cadmium	ND		mg/Kg	0.48	0.95	363386	02/18/25	02/18/25	CAP
Chromium	**20**		mg/Kg	0.95	0.95	363386	02/18/25	02/18/25	CAP
Cobalt	**4.9**		mg/Kg	0.48	0.95	363386	02/18/25	02/18/25	CAP
Copper	**18**		mg/Kg	0.95	0.95	363386	02/18/25	02/18/25	CAP
Lead	**9.1**		mg/Kg	0.95	0.95	363386	02/18/25	02/18/25	CAP
Molybdenum	ND		mg/Kg	0.95	0.95	363386	02/18/25	02/18/25	CAP
Nickel	**16**		mg/Kg	0.95	0.95	363386	02/18/25	02/18/25	CAP
Selenium	ND		mg/Kg	2.9	0.95	363386	02/18/25	02/18/25	CAP
Silver	ND		mg/Kg	0.48	0.95	363386	02/18/25	02/18/25	CAP
Thallium	ND		mg/Kg	2.9	0.95	363386	02/18/25	02/18/25	CAP
Vanadium	**32**		mg/Kg	0.95	0.95	363386	02/18/25	02/18/25	CAP
Zinc	**69**		mg/Kg	4.8	0.95	363386	02/18/25	02/18/25	CAP
Method: EPA 7471A Prep Method: EPA 7471A									
Mercury	ND		mg/Kg	0.17	1.2	363511	02/19/25	02/19/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
2-Methylnaphthalene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Naphthalene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Acenaphthylene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Acenaphthene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Fluorene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Phenanthrene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Anthracene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Fluoranthene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Pyrene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Benzo(a)anthracene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Chrysene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Benzo(b)fluoranthene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Benzo(k)fluoranthene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Benzo(a)pyrene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Benzo(g,h,i)perylene	ND		ug/Kg	100	10	363409	02/18/25	02/19/25	XLY
Surrogates				**Limits**					

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526623

526623-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Nitrobenzene-d5	58%		%REC	27-125	10	363409	02/18/25	02/19/25	XLY
2-Fluorobiphenyl	67%		%REC	30-120	10	363409	02/18/25	02/19/25	XLY
Terphenyl-d14	76%		%REC	33-155	10	363409	02/18/25	02/19/25	XLY

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526623

Sample ID:	Lab ID: 526623-002	Collected: 02/15/25 08:05
CANYON-SOIL-2-02152025	Matrix: Soil	

526623-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	363386	02/18/25	02/18/25	CAP
Arsenic	**1.7**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Barium	**69**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Beryllium	ND		mg/Kg	0.49	0.98	363386	02/18/25	02/18/25	CAP
Cadmium	ND		mg/Kg	0.49	0.98	363386	02/18/25	02/18/25	CAP
Chromium	**12**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Cobalt	**2.7**		mg/Kg	0.49	0.98	363386	02/18/25	02/18/25	CAP
Copper	**46**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Lead	**8.6**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Molybdenum	ND		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Nickel	**11**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Selenium	ND		mg/Kg	2.9	0.98	363386	02/18/25	02/18/25	CAP
Silver	ND		mg/Kg	0.49	0.98	363386	02/18/25	02/18/25	CAP
Thallium	ND		mg/Kg	2.9	0.98	363386	02/18/25	02/18/25	CAP
Vanadium	**17**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Zinc	**160**		mg/Kg	4.9	0.98	363386	02/18/25	02/18/25	CAP
Method: EPA 7471A Prep Method: EPA 7471A									
Mercury	ND		mg/Kg	0.16	1.2	363511	02/19/25	02/19/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
2-Methylnaphthalene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Naphthalene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Acenaphthylene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Acenaphthene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Fluorene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Phenanthrene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Anthracene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Fluoranthene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Pyrene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Benzo(a)anthracene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Chrysene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Benzo(b)fluoranthene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Benzo(k)fluoranthene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Benzo(a)pyrene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Dibenz(a,h)anthracene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Benzo(g,h,i)perylene	ND		ug/Kg	40	4	363409	02/18/25	02/19/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	48%		%REC	27-125	4	363409	02/18/25	02/19/25	ZFA
2-Fluorobiphenyl	55%		%REC	30-120	4	363409	02/18/25	02/19/25	ZFA
Terphenyl-d14	60%		%REC	33-155	4	363409	02/18/25	02/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526623

Sample ID:	Lab ID: 526623-003	Collected: 02/15/25 08:15
CANYON-SOIL-3-02152025	Matrix: Soil	

526623-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	363386	02/18/25	02/18/25	CAP
Arsenic	**6.1**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Barium	**110**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Beryllium	ND		mg/Kg	0.50	0.99	363386	02/18/25	02/18/25	CAP
Cadmium	**0.58**		mg/Kg	0.50	0.99	363386	02/18/25	02/18/25	CAP
Chromium	**23**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Cobalt	**6.7**		mg/Kg	0.50	0.99	363386	02/18/25	02/18/25	CAP
Copper	**21**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Lead	**11**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Molybdenum	ND		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Nickel	**19**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Selenium	ND		mg/Kg	3.0	0.99	363386	02/18/25	02/18/25	CAP
Silver	ND		mg/Kg	0.50	0.99	363386	02/18/25	02/18/25	CAP
Thallium	ND		mg/Kg	3.0	0.99	363386	02/18/25	02/18/25	CAP
Vanadium	**41**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Zinc	**77**		mg/Kg	5.0	0.99	363386	02/18/25	02/18/25	CAP
Method: EPA 7471A Prep Method: EPA 7471A									
Mercury	ND		mg/Kg	0.16	1.1	363511	02/19/25	02/19/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
2-Methylnaphthalene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Naphthalene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Acenaphthylene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Acenaphthene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Fluorene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Phenanthrene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Anthracene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Fluoranthene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Pyrene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Benzo(a)anthracene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Chrysene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Benzo(b)fluoranthene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Benzo(k)fluoranthene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Benzo(a)pyrene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	363409	02/18/25	02/19/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	58%		%REC	27-125	1	363409	02/18/25	02/19/25	ZFA
2-Fluorobiphenyl	54%		%REC	30-120	1	363409	02/18/25	02/19/25	ZFA
Terphenyl-d14	64%		%REC	33-155	1	363409	02/18/25	02/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526623

Sample ID:	Lab ID: 526623-004	Collected: 02/15/25 08:40
CANYON-SOIL-4-02152025	Matrix: Soil	

526623-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	363386	02/18/25	02/18/25	CAP
Arsenic	**13**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Barium	**87**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Beryllium	ND		mg/Kg	0.49	0.98	363386	02/18/25	02/18/25	CAP
Cadmium	ND		mg/Kg	0.49	0.98	363386	02/18/25	02/18/25	CAP
Chromium	**29**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Cobalt	**6.3**		mg/Kg	0.49	0.98	363386	02/18/25	02/18/25	CAP
Copper	**30**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Lead	**67**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Molybdenum	ND		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Nickel	**22**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Selenium	ND		mg/Kg	2.9	0.98	363386	02/18/25	02/18/25	CAP
Silver	ND		mg/Kg	0.49	0.98	363386	02/18/25	02/18/25	CAP
Thallium	ND		mg/Kg	2.9	0.98	363386	02/18/25	02/18/25	CAP
Vanadium	**40**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Zinc	**150**		mg/Kg	4.9	0.98	363386	02/18/25	02/18/25	CAP
Method: EPA 7471A Prep Method: EPA 7471A									
Mercury	ND		mg/Kg	0.15	1.1	363511	02/19/25	02/19/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Naphthalene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Acenaphthylene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Acenaphthene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Fluorene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Phenanthrene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Anthracene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Fluoranthene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Pyrene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Chrysene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	73%		%REC	27-125	10	363409	02/18/25	02/20/25	ZFA
2-Fluorobiphenyl	75%		%REC	30-120	10	363409	02/18/25	02/20/25	ZFA
Terphenyl-d14	85%		%REC	33-155	10	363409	02/18/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526623

Sample ID:	Lab ID: 526623-005	Collected: 02/15/25 08:50
CANYON-SOIL-5-02152025	Matrix: Soil	

526623-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	363386	02/18/25	02/18/25	CAP
Arsenic	**5.9**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Barium	**83**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Beryllium	ND		mg/Kg	0.49	0.97	363386	02/18/25	02/18/25	CAP
Cadmium	**0.53**		mg/Kg	0.49	0.97	363386	02/18/25	02/18/25	CAP
Chromium	**22**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Cobalt	**5.0**		mg/Kg	0.49	0.97	363386	02/18/25	02/18/25	CAP
Copper	**26**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Lead	**61**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Molybdenum	ND		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Nickel	**16**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Selenium	ND		mg/Kg	2.9	0.97	363386	02/18/25	02/18/25	CAP
Silver	ND		mg/Kg	0.49	0.97	363386	02/18/25	02/18/25	CAP
Thallium	ND		mg/Kg	2.9	0.97	363386	02/18/25	02/18/25	CAP
Vanadium	**33**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Zinc	**140**		mg/Kg	4.9	0.97	363386	02/18/25	02/18/25	CAP
Method: EPA 7471A Prep Method: EPA 7471A									
Mercury	ND		mg/Kg	0.15	1.1	363511	02/19/25	02/19/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Naphthalene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Acenaphthylene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Acenaphthene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Fluorene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Phenanthrene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Anthracene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Fluoranthene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Pyrene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Chrysene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	69%		%REC	27-125	10	363409	02/18/25	02/20/25	ZFA
2-Fluorobiphenyl	70%		%REC	30-120	10	363409	02/18/25	02/20/25	ZFA
Terphenyl-d14	83%		%REC	33-155	10	363409	02/18/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526623

Sample ID:	Lab ID: 526623-006	Collected: 02/15/25 09:00
CANYON-SOIL-6-02152025	Matrix: Soil	

526623-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	363386	02/18/25	02/18/25	CAP
Arsenic	**4.3**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Barium	**63**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Beryllium	ND		mg/Kg	0.49	0.98	363386	02/18/25	02/18/25	CAP
Cadmium	ND		mg/Kg	0.49	0.98	363386	02/18/25	02/18/25	CAP
Chromium	**16**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Cobalt	**4.7**		mg/Kg	0.49	0.98	363386	02/18/25	02/18/25	CAP
Copper	**23**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Lead	**21**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Molybdenum	ND		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Nickel	**13**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Selenium	ND		mg/Kg	2.9	0.98	363386	02/18/25	02/18/25	CAP
Silver	ND		mg/Kg	0.49	0.98	363386	02/18/25	02/18/25	CAP
Thallium	ND		mg/Kg	2.9	0.98	363386	02/18/25	02/18/25	CAP
Vanadium	**28**		mg/Kg	0.98	0.98	363386	02/18/25	02/18/25	CAP
Zinc	**110**		mg/Kg	4.9	0.98	363386	02/18/25	02/18/25	CAP
Method: EPA 7471A Prep Method: EPA 7471A									
Mercury	ND		mg/Kg	0.16	1.1	363511	02/19/25	02/19/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Naphthalene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Acenaphthylene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Acenaphthene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Fluorene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Phenanthrene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Anthracene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Fluoranthene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Pyrene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Chrysene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/Kg	100	10	363409	02/18/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	60%		%REC	27-125	10	363409	02/18/25	02/20/25	ZFA
2-Fluorobiphenyl	66%		%REC	30-120	10	363409	02/18/25	02/20/25	ZFA
Terphenyl-d14	79%		%REC	33-155	10	363409	02/18/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526623

Sample ID:	Lab ID: 526623-007	Collected: 02/15/25 09:50
CANYON-SOIL-7-02152025	Matrix: Soil	

526623-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	363386	02/18/25	02/18/25	CAP
Arsenic	**8.1**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Barium	**76**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Beryllium	ND		mg/Kg	0.50	0.99	363386	02/18/25	02/18/25	CAP
Cadmium	ND		mg/Kg	0.50	0.99	363386	02/18/25	02/18/25	CAP
Chromium	**34**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Cobalt	**5.4**		mg/Kg	0.50	0.99	363386	02/18/25	02/18/25	CAP
Copper	**23**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Lead	**6.6**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Molybdenum	ND		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Nickel	**25**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Selenium	ND		mg/Kg	3.0	0.99	363386	02/18/25	02/18/25	CAP
Silver	ND		mg/Kg	0.50	0.99	363386	02/18/25	02/18/25	CAP
Thallium	ND		mg/Kg	3.0	0.99	363386	02/18/25	02/18/25	CAP
Vanadium	**41**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Zinc	**58**		mg/Kg	5.0	0.99	363386	02/18/25	02/18/25	CAP
Method: EPA 7471A Prep Method: EPA 7471A									
Mercury	ND		mg/Kg	0.16	1.1	363511	02/19/25	02/19/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Naphthalene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Acenaphthylene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Acenaphthene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Fluorene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Phenanthrene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Anthracene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Fluoranthene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Pyrene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Chrysene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	61%		%REC	27-125	1	363409	02/18/25	02/20/25	ZFA
2-Fluorobiphenyl	65%		%REC	30-120	1	363409	02/18/25	02/20/25	ZFA
Terphenyl-d14	76%		%REC	33-155	1	363409	02/18/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526623

Sample ID:	Lab ID: 526623-008	Collected: 02/15/25 09:56
CANYON-SOIL-8-02152025	Matrix: Soil	

526623-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	363386	02/18/25	02/18/25	CAP
Arsenic	**8.0**		mg/Kg	0.96	0.96	363386	02/18/25	02/18/25	CAP
Barium	**75**		mg/Kg	0.96	0.96	363386	02/18/25	02/18/25	CAP
Beryllium	ND		mg/Kg	0.48	0.96	363386	02/18/25	02/18/25	CAP
Cadmium	ND		mg/Kg	0.48	0.96	363386	02/18/25	02/18/25	CAP
Chromium	**31**		mg/Kg	0.96	0.96	363386	02/18/25	02/18/25	CAP
Cobalt	**6.9**		mg/Kg	0.48	0.96	363386	02/18/25	02/18/25	CAP
Copper	**21**		mg/Kg	0.96	0.96	363386	02/18/25	02/18/25	CAP
Lead	**7.5**		mg/Kg	0.96	0.96	363386	02/18/25	02/18/25	CAP
Molybdenum	ND		mg/Kg	0.96	0.96	363386	02/18/25	02/18/25	CAP
Nickel	**24**		mg/Kg	0.96	0.96	363386	02/18/25	02/18/25	CAP
Selenium	ND		mg/Kg	2.9	0.96	363386	02/18/25	02/18/25	CAP
Silver	ND		mg/Kg	0.48	0.96	363386	02/18/25	02/18/25	CAP
Thallium	ND		mg/Kg	2.9	0.96	363386	02/18/25	02/18/25	CAP
Vanadium	**45**		mg/Kg	0.96	0.96	363386	02/18/25	02/18/25	CAP
Zinc	**60**		mg/Kg	4.8	0.96	363386	02/18/25	02/18/25	CAP
Method: EPA 7471A Prep Method: EPA 7471A									
Mercury	ND		mg/Kg	0.15	1.1	363511	02/19/25	02/19/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Naphthalene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Acenaphthylene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Acenaphthene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Fluorene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Phenanthrene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Anthracene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Fluoranthene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Pyrene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Chrysene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	58%		%REC	27-125	0.99	363409	02/18/25	02/20/25	ZFA
2-Fluorobiphenyl	60%		%REC	30-120	0.99	363409	02/18/25	02/20/25	ZFA
Terphenyl-d14	77%		%REC	33-155	0.99	363409	02/18/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526623

Sample ID:	Lab ID: 526623-009	Collected: 02/15/25 10:05
CANYON-SOIL-9-02152025	Matrix: Soil	

526623-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	363386	02/18/25	02/18/25	CAP
Arsenic	**1.9**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Barium	**95**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Beryllium	ND		mg/Kg	0.50	0.99	363386	02/18/25	02/18/25	CAP
Cadmium	ND		mg/Kg	0.50	0.99	363386	02/18/25	02/18/25	CAP
Chromium	**9.4**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Cobalt	**3.7**		mg/Kg	0.50	0.99	363386	02/18/25	02/18/25	CAP
Copper	**11**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Lead	**2.8**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Molybdenum	ND		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Nickel	**7.8**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Selenium	ND		mg/Kg	3.0	0.99	363386	02/18/25	02/18/25	CAP
Silver	ND		mg/Kg	0.50	0.99	363386	02/18/25	02/18/25	CAP
Thallium	ND		mg/Kg	3.0	0.99	363386	02/18/25	02/18/25	CAP
Vanadium	**22**		mg/Kg	0.99	0.99	363386	02/18/25	02/18/25	CAP
Zinc	**29**		mg/Kg	5.0	0.99	363386	02/18/25	02/18/25	CAP
Method: EPA 7471A Prep Method: EPA 7471A									
Mercury	ND		mg/Kg	0.15	1.1	363511	02/19/25	02/19/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Naphthalene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Acenaphthylene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Acenaphthene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Fluorene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Phenanthrene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Anthracene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Fluoranthene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Pyrene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Chrysene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/Kg	9.9	0.99	363409	02/18/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	71%		%REC	27-125	0.99	363409	02/18/25	02/20/25	ZFA
2-Fluorobiphenyl	71%		%REC	30-120	0.99	363409	02/18/25	02/20/25	ZFA
Terphenyl-d14	80%		%REC	33-155	0.99	363409	02/18/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526623

Sample ID: DUP-1	Lab ID: 526623-010	Collected: 02/15/25
	Matrix: Soil	

526623-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	363386	02/18/25	02/18/25	CAP
Arsenic	**1.9**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Barium	**100**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Beryllium	ND		mg/Kg	0.49	0.97	363386	02/18/25	02/18/25	CAP
Cadmium	ND		mg/Kg	0.49	0.97	363386	02/18/25	02/18/25	CAP
Chromium	**6.3**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Cobalt	**3.5**		mg/Kg	0.49	0.97	363386	02/18/25	02/18/25	CAP
Copper	**9.1**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Lead	**1.9**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Molybdenum	ND		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Nickel	**4.4**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Selenium	ND		mg/Kg	2.9	0.97	363386	02/18/25	02/18/25	CAP
Silver	ND		mg/Kg	0.49	0.97	363386	02/18/25	02/18/25	CAP
Thallium	ND		mg/Kg	2.9	0.97	363386	02/18/25	02/18/25	CAP
Vanadium	**21**		mg/Kg	0.97	0.97	363386	02/18/25	02/18/25	CAP
Zinc	**18**		mg/Kg	4.9	0.97	363386	02/18/25	02/18/25	CAP
Method: EPA 7471A Prep Method: EPA 7471A									
Mercury	ND		mg/Kg	0.15	1.1	363511	02/19/25	02/19/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Naphthalene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Acenaphthylene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Acenaphthene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Fluorene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Phenanthrene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Anthracene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Fluoranthene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Pyrene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Chrysene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	82%		%REC	27-125	1	363409	02/18/25	02/20/25	ZFA
2-Fluorobiphenyl	79%		%REC	30-120	1	363409	02/18/25	02/20/25	ZFA
Terphenyl-d14	93%		%REC	33-155	1	363409	02/18/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526623

Sample ID:	Lab ID: 526623-011	Collected: 02/15/25 10:15
CANYON-STOCKPILE-02152025	Matrix: Soil	

526623-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	363386	02/18/25	02/18/25	CAP
Arsenic	**8.8**		mg/Kg	1.0	1	363386	02/18/25	02/18/25	CAP
Barium	**91**		mg/Kg	1.0	1	363386	02/18/25	02/18/25	CAP
Beryllium	**0.54**		mg/Kg	0.50	1	363386	02/18/25	02/18/25	CAP
Cadmium	ND		mg/Kg	0.50	1	363386	02/18/25	02/18/25	CAP
Chromium	**39**		mg/Kg	1.0	1	363386	02/18/25	02/18/25	CAP
Cobalt	**6.6**		mg/Kg	0.50	1	363386	02/18/25	02/18/25	CAP
Copper	**28**		mg/Kg	1.0	1	363386	02/18/25	02/18/25	CAP
Lead	**7.9**		mg/Kg	1.0	1	363386	02/18/25	02/18/25	CAP
Molybdenum	ND		mg/Kg	1.0	1	363386	02/18/25	02/18/25	CAP
Nickel	**30**		mg/Kg	1.0	1	363386	02/18/25	02/18/25	CAP
Selenium	ND		mg/Kg	3.0	1	363386	02/18/25	02/18/25	CAP
Silver	ND		mg/Kg	0.50	1	363386	02/18/25	02/18/25	CAP
Thallium	ND		mg/Kg	3.0	1	363386	02/18/25	02/18/25	CAP
Vanadium	**52**		mg/Kg	1.0	1	363386	02/18/25	02/18/25	CAP
Zinc	**68**		mg/Kg	5.0	1	363386	02/18/25	02/18/25	CAP
Method: EPA 7471A Prep Method: EPA 7471A									
Mercury	ND		mg/Kg	0.16	1.2	363511	02/19/25	02/19/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Naphthalene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Acenaphthylene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Acenaphthene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Fluorene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Phenanthrene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Anthracene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Fluoranthene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Pyrene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Chrysene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	363409	02/18/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	68%		%REC	27-125	1	363409	02/18/25	02/20/25	ZFA
2-Fluorobiphenyl	65%		%REC	30-120	1	363409	02/18/25	02/20/25	ZFA
Terphenyl-d14	79%		%REC	33-155	1	363409	02/18/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526623

Sample ID: EB-1	Lab ID: 526623-012	Collected: 02/15/25
	Matrix: Water	

526623-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3015A									
Antimony	ND		mg/L	0.030	1	363286	02/17/25	02/17/25	CAP
Arsenic	ND		mg/L	0.010	1	363286	02/17/25	02/17/25	CAP
Barium	ND		mg/L	0.010	1	363286	02/17/25	02/17/25	CAP
Beryllium	ND		mg/L	0.0050	1	363286	02/17/25	02/17/25	CAP
Cadmium	ND		mg/L	0.0050	1	363286	02/17/25	02/17/25	CAP
Chromium	ND		mg/L	0.010	1	363286	02/17/25	02/17/25	CAP
Cobalt	ND		mg/L	0.0050	1	363286	02/17/25	02/17/25	CAP
Copper	ND		mg/L	0.010	1	363286	02/17/25	02/17/25	CAP
Lead	ND		mg/L	0.010	1	363286	02/17/25	02/17/25	CAP
Molybdenum	ND		mg/L	0.010	1	363286	02/17/25	02/17/25	CAP
Nickel	ND		mg/L	0.010	1	363286	02/17/25	02/17/25	CAP
Selenium	ND		mg/L	0.030	1	363286	02/17/25	02/17/25	CAP
Silver	ND		mg/L	0.0050	1	363286	02/17/25	02/17/25	CAP
Thallium	ND		mg/L	0.030	1	363286	02/17/25	02/17/25	CAP
Vanadium	ND		mg/L	0.010	1	363286	02/17/25	02/17/25	CAP
Zinc	ND		mg/L	0.050	1	363286	02/17/25	02/17/25	CAP
Method: EPA 7470A Prep Method: EPA 7470A									
Mercury	ND		ug/L	0.40	1	363428	02/18/25	02/19/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3510C									
1-Methylnaphthalene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/L	0.49	0.99	363561	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	87%		%REC	16-125	0.99	363561	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	84%		%REC	17-120	0.99	363561	02/19/25	02/20/25	ZFA
Terphenyl-d14	100%		%REC	39-123	0.99	363561	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

Analysis Results for 526623

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1230167**	**Batch: 363286**
Matrix: Water	**Method: EPA 6010B**	**Prep Method: EPA 3015A**

QC1230167 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/L	0.030	02/17/25	02/17/25
Arsenic	ND		mg/L	0.010	02/17/25	02/17/25
Barium	ND		mg/L	0.010	02/17/25	02/17/25
Beryllium	ND		mg/L	0.0050	02/17/25	02/17/25
Cadmium	ND		mg/L	0.0050	02/17/25	02/17/25
Chromium	ND		mg/L	0.010	02/17/25	02/17/25
Cobalt	ND		mg/L	0.0050	02/17/25	02/17/25
Copper	ND		mg/L	0.010	02/17/25	02/17/25
Lead	ND		mg/L	0.010	02/17/25	02/17/25
Molybdenum	ND		mg/L	0.010	02/17/25	02/17/25
Nickel	ND		mg/L	0.010	02/17/25	02/17/25
Selenium	ND		mg/L	0.030	02/17/25	02/17/25
Silver	ND		mg/L	0.0050	02/17/25	02/17/25
Thallium	ND		mg/L	0.030	02/17/25	02/17/25
Vanadium	ND		mg/L	0.010	02/17/25	02/17/25
Zinc	ND		mg/L	0.050	02/17/25	02/17/25

Type: Lab Control Sample	**Lab ID: QC1230168**	**Batch: 363286**
Matrix: Water	**Method: EPA 6010B**	**Prep Method: EPA 3015A**

QC1230168 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	0.3492	0.4000	mg/L	87%		80-120
Arsenic	0.3407	0.4000	mg/L	85%		80-120
Barium	0.3519	0.4000	mg/L	88%		80-120
Beryllium	0.3504	0.4000	mg/L	88%		80-120
Cadmium	0.3515	0.4000	mg/L	88%		80-120
Chromium	0.3493	0.4000	mg/L	87%		80-120
Cobalt	0.3586	0.4000	mg/L	90%		80-120
Copper	0.3405	0.4000	mg/L	85%		80-120
Lead	0.3573	0.4000	mg/L	89%		80-120
Molybdenum	0.3488	0.4000	mg/L	87%		80-120
Nickel	0.3535	0.4000	mg/L	88%		80-120
Selenium	0.3365	0.4000	mg/L	84%		80-120
Silver	0.1668	0.2000	mg/L	83%		80-120
Thallium	0.3620	0.4000	mg/L	91%		80-120
Vanadium	0.3577	0.4000	mg/L	89%		80-120
Zinc	0.3519	0.4000	mg/L	88%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1230169	Batch:	363286
Matrix (Source ID):	Water (526399-002)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1230169 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	0.3530	ND	0.4000	mg/L	88%		75-125	1
Arsenic	0.3458	ND	0.4000	mg/L	86%		75-125	1
Barium	0.3758	0.02461	0.4000	mg/L	88%		75-125	1
Beryllium	0.3520	ND	0.4000	mg/L	88%		75-125	1
Cadmium	0.3494	ND	0.4000	mg/L	87%		75-125	1
Chromium	0.3505	ND	0.4000	mg/L	88%		75-125	1
Cobalt	0.3590	ND	0.4000	mg/L	90%		75-125	1
Copper	3.391	3.041	0.4000	mg/L	87%	NM	75-125	1
Lead	0.3610	ND	0.4000	mg/L	90%		75-125	1
Molybdenum	0.3510	ND	0.4000	mg/L	88%		75-125	1
Nickel	0.3547	0.002835	0.4000	mg/L	88%		75-125	1
Selenium	0.3348	ND	0.4000	mg/L	84%		75-125	1
Silver	0.1671	ND	0.2000	mg/L	84%		75-125	1
Thallium	0.3598	ND	0.4000	mg/L	90%		75-125	1
Vanadium	0.3602	ND	0.4000	mg/L	90%		75-125	1
Zinc	0.5816	0.2315	0.4000	mg/L	88%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1230170	Batch:	363286
Matrix (Source ID):	Water (526399-002)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1230170 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	0.3545	ND	0.4000	mg/L	89%		75-125	0	20	1
Arsenic	0.3497	ND	0.4000	mg/L	87%		75-125	1	20	1
Barium	0.3761	0.02461	0.4000	mg/L	88%		75-125	0	20	1
Beryllium	0.3538	ND	0.4000	mg/L	88%		75-125	1	20	1
Cadmium	0.3499	ND	0.4000	mg/L	87%		75-125	0	20	1
Chromium	0.3523	ND	0.4000	mg/L	88%		75-125	1	20	1
Cobalt	0.3603	ND	0.4000	mg/L	90%		75-125	0	20	1
Copper	3.386	3.041	0.4000	mg/L	86%	NM	75-125	0	20	1
Lead	0.3617	ND	0.4000	mg/L	90%		75-125	0	20	1
Molybdenum	0.3523	ND	0.4000	mg/L	88%		75-125	0	20	1
Nickel	0.3568	0.002835	0.4000	mg/L	88%		75-125	1	20	1
Selenium	0.3389	ND	0.4000	mg/L	85%		75-125	1	20	1
Silver	0.1677	ND	0.2000	mg/L	84%		75-125	0	20	1
Thallium	0.3608	ND	0.4000	mg/L	90%		75-125	0	20	1
Vanadium	0.3618	ND	0.4000	mg/L	90%		75-125	0	20	1
Zinc	0.5841	0.2315	0.4000	mg/L	88%		75-125	0	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Serial Dilution	Lab ID:	QC1230229	Batch:	363286
Matrix (Source ID):	Water (526399-002)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1230229 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Antimony	ND	ND	mg/L				5
Arsenic	ND	ND	mg/L				5
Barium	0.02369	0.02461	mg/L	J			5
Beryllium	ND	ND	mg/L				5
Cadmium	ND	ND	mg/L				5
Chromium	ND	ND	mg/L				5
Cobalt	ND	ND	mg/L				5
Copper	3.085	3.041	mg/L				5
Lead	ND	ND	mg/L				5
Molybdenum	ND	ND	mg/L				5
Nickel	ND	0.002835	mg/L				5
Selenium	ND	ND	mg/L				5
Silver	ND	ND	mg/L				5
Thallium	ND	ND	mg/L				5
Vanadium	ND	ND	mg/L				5
Zinc	0.2303	0.2315	mg/L	J			5

Type:	Blank	Lab ID:	QC1230521	Batch:	363386
Matrix:	Soil	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1230521 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	02/18/25	02/18/25
Arsenic	ND		mg/Kg	1.0	02/18/25	02/18/25
Barium	ND		mg/Kg	1.0	02/18/25	02/18/25
Beryllium	ND		mg/Kg	0.50	02/18/25	02/18/25
Cadmium	ND		mg/Kg	0.50	02/18/25	02/18/25
Chromium	ND		mg/Kg	1.0	02/18/25	02/18/25
Cobalt	ND		mg/Kg	0.50	02/18/25	02/18/25
Copper	ND		mg/Kg	1.0	02/18/25	02/18/25
Lead	ND		mg/Kg	1.0	02/18/25	02/18/25
Molybdenum	ND		mg/Kg	1.0	02/18/25	02/18/25
Nickel	ND		mg/Kg	1.0	02/18/25	02/18/25
Selenium	ND		mg/Kg	3.0	02/18/25	02/18/25
Silver	ND		mg/Kg	0.50	02/18/25	02/18/25
Thallium	ND		mg/Kg	3.0	02/18/25	02/18/25
Vanadium	ND		mg/Kg	1.0	02/18/25	02/18/25
Zinc	ND		mg/Kg	5.0	02/18/25	02/18/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1230522	Batch: 363386
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1230522 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	93.06	100.0	mg/Kg	93%		80-120
Arsenic	90.30	100.0	mg/Kg	90%		80-120
Barium	101.0	100.0	mg/Kg	101%		80-120
Beryllium	95.49	100.0	mg/Kg	95%		80-120
Cadmium	97.09	100.0	mg/Kg	97%		80-120
Chromium	96.44	100.0	mg/Kg	96%		80-120
Cobalt	101.4	100.0	mg/Kg	101%		80-120
Copper	96.56	100.0	mg/Kg	97%		80-120
Lead	100.7	100.0	mg/Kg	101%		80-120
Molybdenum	88.63	100.0	mg/Kg	89%		80-120
Nickel	99.95	100.0	mg/Kg	100%		80-120
Selenium	85.91	100.0	mg/Kg	86%		80-120
Silver	46.38	50.00	mg/Kg	93%		80-120
Thallium	97.72	100.0	mg/Kg	98%		80-120
Vanadium	97.06	100.0	mg/Kg	97%		80-120
Zinc	94.93	100.0	mg/Kg	95%		80-120

Type: Matrix Spike	Lab ID: QC1230523	Batch: 363386
Matrix (Source ID): Soil (526623-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1230523 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	30.59	ND	99.01	mg/Kg	31%	*	75-125	0.99
Arsenic	93.08	3.359	99.01	mg/Kg	91%		75-125	0.99
Barium	202.6	79.76	99.01	mg/Kg	124%		75-125	0.99
Beryllium	93.85	0.2540	99.01	mg/Kg	95%		75-125	0.99
Cadmium	92.80	0.3809	99.01	mg/Kg	93%		75-125	0.99
Chromium	116.2	19.93	99.01	mg/Kg	97%		75-125	0.99
Cobalt	102.2	4.923	99.01	mg/Kg	98%		75-125	0.99
Copper	120.1	18.26	99.01	mg/Kg	103%		75-125	0.99
Lead	108.5	9.105	99.01	mg/Kg	100%		75-125	0.99
Molybdenum	85.55	ND	99.01	mg/Kg	86%		75-125	0.99
Nickel	111.9	16.10	99.01	mg/Kg	97%		75-125	0.99
Selenium	84.61	ND	99.01	mg/Kg	85%		75-125	0.99
Silver	45.26	ND	49.50	mg/Kg	91%		75-125	0.99
Thallium	92.10	ND	99.01	mg/Kg	93%		75-125	0.99
Vanadium	137.3	32.17	99.01	mg/Kg	106%		75-125	0.99
Zinc	176.4	69.47	99.01	mg/Kg	108%		75-125	0.99

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1230524	Batch:	363386
Matrix (Source ID):	Soil (526623-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1230524 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	34.83	ND	98.04	mg/Kg	36%	*	75-125	14	41	0.98
Arsenic	93.57	3.359	98.04	mg/Kg	92%		75-125	1	35	0.98
Barium	208.8	79.76	98.04	mg/Kg	132%	*	75-125	4	20	0.98
Beryllium	94.67	0.2540	98.04	mg/Kg	96%		75-125	2	20	0.98
Cadmium	93.45	0.3809	98.04	mg/Kg	95%		75-125	2	20	0.98
Chromium	118.5	19.93	98.04	mg/Kg	101%		75-125	3	20	0.98
Cobalt	102.2	4.923	98.04	mg/Kg	99%		75-125	1	20	0.98
Copper	117.4	18.26	98.04	mg/Kg	101%		75-125	1	20	0.98
Lead	106.7	9.105	98.04	mg/Kg	100%		75-125	1	20	0.98
Molybdenum	85.99	ND	98.04	mg/Kg	88%		75-125	1	20	0.98
Nickel	113.6	16.10	98.04	mg/Kg	99%		75-125	2	20	0.98
Selenium	85.81	ND	98.04	mg/Kg	88%		75-125	2	20	0.98
Silver	45.51	ND	49.02	mg/Kg	93%		75-125	2	20	0.98
Thallium	92.71	ND	98.04	mg/Kg	95%		75-125	2	20	0.98
Vanadium	140.4	32.17	98.04	mg/Kg	110%		75-125	3	20	0.98
Zinc	171.4	69.47	98.04	mg/Kg	104%		75-125	2	20	0.98

Type:	Post Digest Spike	Lab ID:	QC1230525	Batch:	363386
Matrix (Source ID):	Soil (526623-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1230525 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	81.20	ND	95.24	mg/Kg	85%		75-125	0.95
Arsenic	84.95	3.359	95.24	mg/Kg	86%		75-125	0.95
Barium	167.7	79.76	95.24	mg/Kg	92%		75-125	0.95
Beryllium	85.83	0.2540	95.24	mg/Kg	90%		75-125	0.95
Cadmium	85.24	0.3809	95.24	mg/Kg	89%		75-125	0.95
Chromium	104.4	19.93	95.24	mg/Kg	89%		75-125	0.95
Cobalt	93.03	4.923	95.24	mg/Kg	93%		75-125	0.95
Copper	106.2	18.26	95.24	mg/Kg	92%		75-125	0.95
Lead	96.66	9.105	95.24	mg/Kg	92%		75-125	0.95
Molybdenum	81.39	ND	95.24	mg/Kg	85%		75-125	0.95
Nickel	102.2	16.10	95.24	mg/Kg	90%		75-125	0.95
Selenium	79.10	ND	95.24	mg/Kg	83%		75-125	0.95
Silver	42.29	ND	47.62	mg/Kg	89%		75-125	0.95
Thallium	85.30	ND	95.24	mg/Kg	90%		75-125	0.95
Vanadium	118.8	32.17	95.24	mg/Kg	91%		75-125	0.95
Zinc	149.8	69.47	95.24	mg/Kg	84%		75-125	0.95

ENTHALPY ANALYTICAL

Batch QC

Type:	Serial Dilution	Lab ID:	QC1230779	Batch:	363386
Matrix (Source ID):	Soil (526623-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1230779 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Antimony	ND	ND	mg/Kg				4.8
Arsenic	3.607	3.359	mg/Kg	J			4.8
Barium	82.44	79.76	mg/Kg				4.8
Beryllium	0.2581	0.2540	mg/Kg	J			4.8
Cadmium	ND	0.3809	mg/Kg				4.8
Chromium	20.43	19.93	mg/Kg				4.8
Cobalt	4.888	4.923	mg/Kg				4.8
Copper	18.03	18.26	mg/Kg				4.8
Lead	9.397	9.105	mg/Kg				4.8
Molybdenum	ND	ND	mg/Kg				4.8
Nickel	16.59	16.10	mg/Kg				4.8
Selenium	ND	ND	mg/Kg				4.8
Silver	ND	ND	mg/Kg				4.8
Thallium	ND	ND	mg/Kg				4.8
Vanadium	32.50	32.17	mg/Kg				4.8
Zinc	73.02	69.47	mg/Kg				4.8

Type:	Blank	Lab ID:	QC1230634	Batch:	363428
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1230634 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		ug/L	0.40	02/18/25	02/19/25

Type:	Lab Control Sample	Lab ID:	QC1230635	Batch:	363428
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1230635 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	5.004	5.000	ug/L	100%		80-120

Type:	Matrix Spike	Lab ID:	QC1230680	Batch:	363428
Matrix (Source ID):	Water (526138-006)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1230680 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	5.072	ND	5.000	ug/L	101%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1230681	Batch:	363428
Matrix (Source ID):	Water (526138-006)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1230681 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	4.843	ND	5.000	ug/L	97%		75-125	5	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1230682	Batch:	363428
Matrix (Source ID):	Water (526651-002)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1230682 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	4.703	ND	5.000	ug/L	94%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1230683	Batch:	363428
Matrix (Source ID):	Water (526651-002)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1230683 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	4.651	ND	5.000	ug/L	93%		75-125	1	20	1

Type:	Blank	Lab ID:	QC1230916	Batch:	363511
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	EPA 7471A

QC1230916 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	02/19/25	02/19/25

Type:	Lab Control Sample	Lab ID:	QC1230917	Batch:	363511
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	EPA 7471A

QC1230917 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8253	0.8333	mg/Kg	99%		80-120

Type:	Matrix Spike	Lab ID:	QC1230918	Batch:	363511
Matrix (Source ID):	Soil (526623-001)	Method:	EPA 7471A	Prep Method:	EPA 7471A

QC1230918 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9299	ND	0.9259	mg/Kg	100%		75-125	1.1

Type:	Matrix Spike Duplicate	Lab ID:	QC1230919	Batch:	363511
Matrix (Source ID):	Soil (526623-001)	Method:	EPA 7471A	Prep Method:	EPA 7471A

QC1230919 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9423	ND	0.9615	mg/Kg	98%		75-125	2	20	1.2

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1231087**	**Batch:**	**363561**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3510C**

QC1231087 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/L	0.50	02/19/25	02/20/25
2-Methylnaphthalene	ND		ug/L	0.50	02/19/25	02/20/25
Naphthalene	ND		ug/L	0.50	02/19/25	02/20/25
Acenaphthylene	ND		ug/L	0.50	02/19/25	02/20/25
Acenaphthene	ND		ug/L	0.50	02/19/25	02/20/25
Fluorene	ND		ug/L	0.50	02/19/25	02/20/25
Phenanthrene	ND		ug/L	0.50	02/19/25	02/20/25
Anthracene	ND		ug/L	0.50	02/19/25	02/20/25
Fluoranthene	ND		ug/L	0.50	02/19/25	02/20/25
Pyrene	ND		ug/L	0.50	02/19/25	02/20/25
Benzo(a)anthracene	ND		ug/L	0.50	02/19/25	02/20/25
Chrysene	ND		ug/L	0.50	02/19/25	02/20/25
Benzo(b)fluoranthene	ND		ug/L	0.50	02/19/25	02/20/25
Benzo(k)fluoranthene	ND		ug/L	0.50	02/19/25	02/20/25
Benzo(a)pyrene	ND		ug/L	0.50	02/19/25	02/20/25
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.50	02/19/25	02/20/25
Dibenz(a,h)anthracene	ND		ug/L	0.50	02/19/25	02/20/25
Benzo(g,h,i)perylene	ND		ug/L	0.50	02/19/25	02/20/25
Surrogates				**Limits**		
Nitrobenzene-d5	86%		%REC	16-125	02/19/25	02/20/25
2-Fluorobiphenyl	80%		%REC	17-120	02/19/25	02/20/25
Terphenyl-d14	97%		%REC	39-123	02/19/25	02/20/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1231088**	**Batch:**	**363561**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3510C**

QC1231088 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	3.460	4.000	ug/L	87%		23-120
2-Methylnaphthalene	3.456	4.000	ug/L	86%		33-120
Naphthalene	3.361	4.000	ug/L	84%		38-120
Acenaphthylene	3.731	4.000	ug/L	93%		37-120
Acenaphthene	3.225	4.000	ug/L	81%		39-120
Fluorene	3.557	4.000	ug/L	89%		43-120
Phenanthrene	3.255	4.000	ug/L	81%		42-120
Anthracene	3.371	4.000	ug/L	84%		42-120
Fluoranthene	3.407	4.000	ug/L	85%		48-120
Pyrene	3.402	4.000	ug/L	85%		44-120
Benzo(a)anthracene	3.655	4.000	ug/L	91%		51-126
Chrysene	3.433	4.000	ug/L	86%		47-120
Benzo(b)fluoranthene	3.298	4.000	ug/L	82%		44-127
Benzo(k)fluoranthene	3.175	4.000	ug/L	79%		43-127
Benzo(a)pyrene	3.059	4.000	ug/L	76%		29-124
Indeno(1,2,3-cd)pyrene	3.367	4.000	ug/L	84%		44-127
Dibenz(a,h)anthracene	3.316	4.000	ug/L	83%		55-120
Benzo(g,h,i)perylene	3.237	4.000	ug/L	81%		46-120
Surrogates						
Nitrobenzene-d5	3.808	4.000	ug/L	95%		16-125
2-Fluorobiphenyl	3.409	4.000	ug/L	85%		17-120
Terphenyl-d14	3.831	4.000	ug/L	96%		39-123

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1231089**	**Batch:**	**363561**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3510C**

QC1231089 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1-Methylnaphthalene	3.067	4.000	ug/L	77%		23-120	12	20
2-Methylnaphthalene	3.029	4.000	ug/L	76%		33-120	13	20
Naphthalene	2.880	4.000	ug/L	72%		38-120	15	20
Acenaphthylene	3.313	4.000	ug/L	83%		37-120	12	20
Acenaphthene	2.799	4.000	ug/L	70%		39-120	14	20
Fluorene	2.995	4.000	ug/L	75%		43-120	17	20
Phenanthrene	2.992	4.000	ug/L	75%		42-120	8	20
Anthracene	3.068	4.000	ug/L	77%		42-120	9	20
Fluoranthene	3.386	4.000	ug/L	85%		48-120	1	20
Pyrene	3.401	4.000	ug/L	85%		44-120	0	20
Benzo(a)anthracene	3.686	4.000	ug/L	92%		51-126	1	20
Chrysene	3.442	4.000	ug/L	86%		47-120	0	20
Benzo(b)fluoranthene	3.333	4.000	ug/L	83%		44-127	1	20
Benzo(k)fluoranthene	3.261	4.000	ug/L	82%		43-127	3	20
Benzo(a)pyrene	3.071	4.000	ug/L	77%		29-124	0	20
Indeno(1,2,3-cd)pyrene	3.435	4.000	ug/L	86%		44-127	2	20
Dibenz(a,h)anthracene	3.372	4.000	ug/L	84%		55-120	2	20
Benzo(g,h,i)perylene	3.293	4.000	ug/L	82%		46-120	2	20
Surrogates								
Nitrobenzene-d5	3.261	4.000	ug/L	82%		16-125		
2-Fluorobiphenyl	3.020	4.000	ug/L	75%		17-120		
Terphenyl-d14	3.778	4.000	ug/L	94%		39-123		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1230579**	**Batch:**	**363409**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1230579 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	02/18/25	02/19/25
2-Methylnaphthalene	ND		ug/Kg	10	02/18/25	02/19/25
Naphthalene	ND		ug/Kg	10	02/18/25	02/19/25
Acenaphthylene	ND		ug/Kg	10	02/18/25	02/19/25
Acenaphthene	ND		ug/Kg	10	02/18/25	02/19/25
Fluorene	ND		ug/Kg	10	02/18/25	02/19/25
Phenanthrene	ND		ug/Kg	10	02/18/25	02/19/25
Anthracene	ND		ug/Kg	10	02/18/25	02/19/25
Fluoranthene	ND		ug/Kg	10	02/18/25	02/19/25
Pyrene	ND		ug/Kg	10	02/18/25	02/19/25
Benzo(a)anthracene	ND		ug/Kg	10	02/18/25	02/19/25
Chrysene	ND		ug/Kg	10	02/18/25	02/19/25
Benzo(b)fluoranthene	ND		ug/Kg	10	02/18/25	02/19/25
Benzo(k)fluoranthene	ND		ug/Kg	10	02/18/25	02/19/25
Benzo(a)pyrene	ND		ug/Kg	10	02/18/25	02/19/25
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	02/18/25	02/19/25
Dibenz(a,h)anthracene	ND		ug/Kg	10	02/18/25	02/19/25
Benzo(g,h,i)perylene	ND		ug/Kg	10	02/18/25	02/19/25
Surrogates				**Limits**		
Nitrobenzene-d5	71%		%REC	27-125	02/18/25	02/19/25
2-Fluorobiphenyl	71%		%REC	30-120	02/18/25	02/19/25
Terphenyl-d14	75%		%REC	33-155	02/18/25	02/19/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1230580**	**Batch:**	**363409**
Matrix:	**Soil**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1230580 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	149.5	198.0	ug/Kg	75%		28-130
2-Methylnaphthalene	146.9	198.0	ug/Kg	74%		33-130
Naphthalene	142.9	198.0	ug/Kg	72%		25-130
Acenaphthylene	149.9	198.0	ug/Kg	76%		28-130
Acenaphthene	136.0	198.0	ug/Kg	69%		32-130
Fluorene	143.3	198.0	ug/Kg	72%		35-130
Phenanthrene	136.8	198.0	ug/Kg	69%		35-132
Anthracene	142.4	198.0	ug/Kg	72%		34-136
Fluoranthene	138.8	198.0	ug/Kg	70%		34-139
Pyrene	139.1	198.0	ug/Kg	70%		35-134
Benzo(a)anthracene	148.1	198.0	ug/Kg	75%		30-132
Chrysene	145.4	198.0	ug/Kg	73%		29-130
Benzo(b)fluoranthene	131.9	198.0	ug/Kg	67%		32-137
Benzo(k)fluoranthene	140.6	198.0	ug/Kg	71%		32-130
Benzo(a)pyrene	137.9	198.0	ug/Kg	70%		10-138
Indeno(1,2,3-cd)pyrene	147.8	198.0	ug/Kg	75%		34-132
Dibenz(a,h)anthracene	154.8	198.0	ug/Kg	78%		32-130
Benzo(g,h,i)perylene	147.9	198.0	ug/Kg	75%		27-130
Surrogates						
Nitrobenzene-d5	142.8	198.0	ug/Kg	72%		27-125
2-Fluorobiphenyl	142.7	198.0	ug/Kg	72%		30-120
Terphenyl-d14	144.0	198.0	ug/Kg	73%		33-155

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1230582**	**Batch:**	**363409**
Matrix (Source ID):	**Soil (526623-001)**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3546**

QC1230582 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	180.3	ND	200.0	ug/Kg	90%		25-130	10
2-Methylnaphthalene	171.0	ND	200.0	ug/Kg	86%		32-133	10
Naphthalene	159.9	ND	200.0	ug/Kg	80%		33-130	10
Acenaphthylene	191.1	ND	200.0	ug/Kg	96%		14-157	10
Acenaphthene	159.1	ND	200.0	ug/Kg	80%		28-134	10
Fluorene	164.7	ND	200.0	ug/Kg	82%		27-140	10
Phenanthrene	165.9	ND	200.0	ug/Kg	83%		29-147	10
Anthracene	177.5	ND	200.0	ug/Kg	89%		24-156	10
Fluoranthene	176.3	ND	200.0	ug/Kg	88%		28-160	10
Pyrene	177.5	ND	200.0	ug/Kg	89%		26-153	10
Benzo(a)anthracene	185.9	15.03	200.0	ug/Kg	85%		26-174	10
Chrysene	174.2	12.94	200.0	ug/Kg	81%		40-139	10
Benzo(b)fluoranthene	164.4	ND	200.0	ug/Kg	82%		36-164	10
Benzo(k)fluoranthene	167.3	ND	200.0	ug/Kg	84%		36-161	10
Benzo(a)pyrene	158.5	ND	200.0	ug/Kg	79%		18-173	10
Indeno(1,2,3-cd)pyrene	148.5	ND	200.0	ug/Kg	74%		26-154	10
Dibenz(a,h)anthracene	148.5	ND	200.0	ug/Kg	74%		38-132	10
Benzo(g,h,i)perylene	151.5	ND	200.0	ug/Kg	76%		36-130	10
Surrogates								
Nitrobenzene-d5	138.0		200.0	ug/Kg	69%		27-125	10
2-Fluorobiphenyl	170.8		200.0	ug/Kg	85%		30-120	10
Terphenyl-d14	170.4		200.0	ug/Kg	85%		33-155	10

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1230583	Batch:	363409
Matrix (Source ID):	Soil (526623-001)	Method:	EPA 8270C-SIM	Prep Method:	EPA 3546

QC1230583 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	149.2	ND	200.0	ug/Kg	75%		25-130	19	35	10
2-Methylnaphthalene	141.3	ND	200.0	ug/Kg	71%		32-133	19	35	10
Naphthalene	136.3	ND	200.0	ug/Kg	68%		33-130	16	35	10
Acenaphthylene	156.5	ND	200.0	ug/Kg	78%		14-157	20	35	10
Acenaphthene	136.4	ND	200.0	ug/Kg	68%		28-134	15	35	10
Fluorene	137.9	ND	200.0	ug/Kg	69%		27-140	18	35	10
Phenanthrene	140.1	ND	200.0	ug/Kg	70%		29-147	17	35	10
Anthracene	148.3	ND	200.0	ug/Kg	74%		24-156	18	35	10
Fluoranthene	144.9	ND	200.0	ug/Kg	72%		28-160	20	35	10
Pyrene	145.9	ND	200.0	ug/Kg	73%		26-153	20	35	10
Benzo(a)anthracene	150.5	15.03	200.0	ug/Kg	68%		26-174	21	35	10
Chrysene	145.4	12.94	200.0	ug/Kg	66%		40-139	18	35	10
Benzo(b)fluoranthene	132.6	ND	200.0	ug/Kg	66%		36-164	21	35	10
Benzo(k)fluoranthene	136.1	ND	200.0	ug/Kg	68%		36-161	21	35	10
Benzo(a)pyrene	127.0	ND	200.0	ug/Kg	63%		18-173	22	35	10
Indeno(1,2,3-cd)pyrene	121.7	ND	200.0	ug/Kg	61%		26-154	20	35	10
Dibenz(a,h)anthracene	123.8	ND	200.0	ug/Kg	62%		38-132	18	35	10
Benzo(g,h,i)perylene	125.6	ND	200.0	ug/Kg	63%		36-130	19	35	10
Surrogates										
Nitrobenzene-d5	120.0		200.0	ug/Kg	60%		27-125			10
2-Fluorobiphenyl	139.6		200.0	ug/Kg	70%		30-120			10
Terphenyl-d14	147.1		200.0	ug/Kg	74%		33-155			10

* Value is outside QC limits
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 526623

Subcontracted Products

AmeriSci Los Angeles

Please Reply To:

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

LABORATORY ELECTRONIC TRANSMITTAL

To: Project Manager
Enthalpy Analytical
Fax #:

Email: incomingreports@enthalpy.com

From: Thu M. Nguyen
AmeriSci Job #: 925021186
Subject: PLM-Bulk-Qualitative 48 hour Res
Client Project: EO-526623

Date: Thursday, February 20, 2025
Time: 11:46:21
Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

Enthalpy Analytical
Attn: Project Manager
931 W. Barkley Ave.

Orange, CA 92868

Date Received 02/19/25
Date Examined 02/19/25

RE: EO-526623

AmeriSci Job # 925021186
P.O. #
Page 1 **of** 3

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
526623-001	925021186-01	***No***	NVA [1]

Location: Canyon-Soil-1-02152025

by Thu M. Nguyen
on 02/19/25

Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil
Asbestos Types:
Other Material: NVA NAD

526623-002	925021186-02	***No***	NVA [1]

Location: Canyon-Soil-2-02152025

by Thu M. Nguyen
on 02/19/25

Analyst Description: Brown/ Yellow, Heterogeneous, Non-Fibrous, Soil
Asbestos Types:
Other Material: NVA NAD

526623-003	925021186-03	***No***	NVA [1]

Location: Canyon-Soil-3-02152025

by Thu M. Nguyen
on 02/19/25

Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil
Asbestos Types:
Other Material: NVA NAD

526623-004	925021186-04	***No***	NVA [1]

Location: Canyon-Soil-4-02152025

by Thu M. Nguyen
on 02/19/25

Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil
Asbestos Types:
Other Material: NVA NAD

526623-005	925021186-05	***No***	NVA [1]

Location: Canyon-Soil-5-02152025

by Lateef McIntosh
on 02/19/25

Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil
Asbestos Types:
Other Material: NVA 0%

See Reporting notes on last page

PLM Bulk Asbestos Report

EO-526623

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
526623-006	925021186-06	***No***	NVA [1]
Location: Canyon-Soil-6-02152025			by Lateef McIntosh on 02/19/25
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil **Asbestos Types:** **Other Material:** NVA 0%			
526623-007	925021186-07	***No***	NVA [1]
Location: Canyon-Soil-7-02152025			by Lateef McIntosh on 02/19/25
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil **Asbestos Types:** **Other Material:** NVA 0%			
526623-008	925021186-08	***No***	NVA [1]
Location: Canyon-Soil-8-02152025			by Lateef McIntosh on 02/19/25
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil **Asbestos Types:** **Other Material:** NVA 0%			
526623-009	925021186-09	***No***	NVA [1]
Location: Canyon-Soil-9-02152025			by Lateef McIntosh on 02/19/25
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil **Asbestos Types:** **Other Material:** NVA 0%			
526623-010	925021186-10	***No***	NVA [1]
Location: DUP-1			by Lateef McIntosh on 02/19/25
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil **Asbestos Types:** **Other Material:** NVA 0%			
526623-011	925021186-11	***No***	NVA [1]
Location: Canyon-Stockpile-02-02152025			by Lateef McIntosh on 02/19/25
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Soil **Asbestos Types:** **Other Material:** NVA 0%			

See Reporting notes on last page

PLM Bulk Asbestos Report

EO-526623

Reporting Notes:

(1) Qualitative PLM result may not be reliable for soil, tape, dust or debris samples due to high variability in particle and aggregate size.

Analyzed by: Thu M. Nguyen Thum nguyen Reviewed by: Lateef McIntosh

Date: 2/19/2025

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900 9250211E6

Subcontract Laboratory:
AmeriSci Los Angeles
24416 S. Main Street
Suite 308
Carson, CA 90745
ATTN: Sample Control
PO #: Required, to be sent via email

Enthalpy Order: EO-526623
PM: Patty Mata
Email: patty.mata@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Rush 2 day TAT
Report Level: II
Report To: RL
EDDs:

Notes:
Soil samples for PLM qualitative test on rush 2 day TAT.

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
CANYON-SOIL-1-02152025	15-FEB-2025 07:46	526623-001	1	Soil	Asbestos by OSHA ID-191	
CANYON-SOIL-2-02152025	15-FEB-2025 08:05	526623-002	1	Soil	Asbestos by OSHA ID-191	
CANYON-SOIL-3-02152025	15-FEB-2025 08:15	526623-003	1	Soil	Asbestos by OSHA ID-191	
CANYON-SOIL-4-02152025	15-FEB-2025 08:40	526623-004	1	Soil	Asbestos by OSHA ID-191	
CANYON-SOIL-5-02152025	15-FEB-2025 08:50	526623-005	1	Soil	Asbestos by OSHA ID-191	
CANYON-SOIL-6-02152025	15-FEB-2025 09:00	526623-006	1	Soil	Asbestos by OSHA ID-191	
CANYON-SOIL-7-02152025	15-FEB-2025 09:50	526623-007	1	Soil	Asbestos by OSHA ID-191	
CANYON-SOIL-8-02152025	15-FEB-2025 09:56	526623-008	1	Soil	Asbestos by OSHA ID-191	
CANYON-SOIL-9-02152025	15-FEB-2025 10:05	526623-009	1	Soil	Asbestos by OSHA ID-191	
DUP-1	15-FEB-2025 00:00	526623-010	1	Soil	Asbestos by OSHA ID-191	
CANYON-STOCKPILE-02152025	15-FEB-2025 10:15	526623-011	1	Soil	Asbestos by OSHA ID-191	

Notes:	Relinquished By:	Received By:
	[signature]	Erika V Erika V
	Date: 2-19-25 1135	Date: 02/19/25 a) 1140
	Date:	Date:
	Date:	Date:

Laboratory Job Number 526623

Subcontracted Products

AmeriSci Richmond

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-0493

February 21, 2025

Enthalpy Analytical
Attn: Patty Mata
5900 Hollis St
Suite L
Emeryville, CA 94608

RE: Enthalpy Analytical
Job Number 125021579
P.O. #526623
526623

Dear Patty Mata:

Enclosed are the results for TEM asbestos analysis of the following Enthalpy Analytical samples received at AmeriSci on Tuesday, February 18, 2025, for a 48 hour turnaround:

EB-1

The 1 samples were filtered and prepared according to Water analysis under the EPA-600/4-83-043 "Analytical Method for Determination of Asbestos Fibers in Water" (1983). Samples with high organic content may be prepared following EPA-600/4-80-005 if necessary and are so noted on the TEM count sheets. AmeriSci, Inc. uses the "Grid Square" method of counting and the concentration is calculated in millions of fibers per liter (MFL).

Table I represents a summary of all pertinent information used for the calculations. Included are the size of each structure counted, concentration, structure concentration greater than 10 microns in length, type of asbestiform material detected and the analytical sensitivity, which represents the concentration by the detection of one fiber in the TEM fiber count. Copies of the Fiber Count Sheets, show the raw data for examination. These data sheets contain information for fiber length/width, fiber type, structure morphology and pertinent information on EDS, SAED and photography.

This report relates ONLY to the sample analysis expressed as millions of fibers per liter (MFL). AmeriSci assumes no responsibility for customer supplied data such as “sample location” or “the condition of the water sample before arriving at AmeriSci”. This report must not be used to claim product endorsement by AmeriSci, NVLAP, ELAP or any agency of the U. S. Government. The National Institute of Standards and Technology accreditation requirements, mandate that this report must not be reproduced, except in full without the approval of the laboratory.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Cory M. Parnell

Laboratory Director | Authorized Signatory

AmeriSci Job #: **125021579**
Client Name: Enthalpy Analytical

Table I
Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (Water)

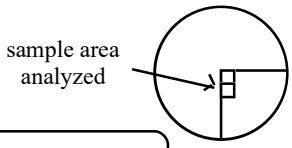
526623

AmeriSci Sample #	Client Sample No./Location	Liquid Filtered (liters)	Temp (Celcius)	Structures Detected* (total)	Structures Detected* (>10 µm)	Analytical Sensitivity (MF/L)	Asbestos Conc (total) (MF/L)	Asbestos Conc (>10 µm) (MF/L)	Asbestos Type
01	EB-1	0.02	7.2	NSD	NSD	0.18	<0.18	<0.18	----

* NAD/NSD = no asbestos detected, NA = not analyzed, MF/L = million fibers per liter; Drinking Water accreditations do not cover waste water analysis. NOTE: Drinking water analysis by EPA-600/4-83-043 (100.1). Fiber criteria (>=0.5 microns, for 100.1; >10 microns for 100.2; 5:1 aspect ratio for both), organic rich waste water prepped by EPA-600/4-80-005. Analytical sensitivity calculated as though 1 fiber had been detected on the TEM GRID area analyzed. Sample temperatures reported above were measured upon receipt. Water samples are refrigerated upon receipt and filtered within four hours.

Reviewed By: _____ Analyzed By: Cory M. Parnell _____ Date: 2/21/2025

TEM Asbestos (Water) Count Sheet



Client Name:	Enthalpy Analytical		
Job #:	125021579	Volume (liters):	0.02
Lab Sample #:	01	Filter Type / Filter Area:	MCE 214 mm2
Client Sample #:	EB-1	Grid Opening Size:	0.01003
Received:	2/18/2025 12:00:00	Area Examined:	0.06018 mm2
Date Analyzed:	2/21/2025	Magnification:	20,000
Temp:	7.2	Accelerating Voltage:	100 KeV

Analysis Performed by: Cory M. Parnell

Location	Grid Opening	Fiber	Length µM	Width µM	Fiber Type	Morphology	EDS	Orient.	SAED	Photo
C6-G2/4	1	NSD							☐	
C6-H2/4	2	NSD							☐	
C6-G4/4	3	NSD							☐	
C7-G5/1	4	NSD							☐	
C7-H5/1	5	NSD							☐	
C7-C7/1	6	NSD							☐	

NSD: No Asbestos Structures Detected

Scope #: Front 4: Jeol JEM-100CX II, Serial No.156147-247

Comments

		Concentration (million fibers/liter)	Grid Evaluation
Total Grid Openings:	6		☑ Grid Openings Covered > 50%
Chrysotile Asbestos Structures:	0	<0.178	☑ Intact Grid Opening > 50%
Amphibole Asbestos Structures:	0	<0.178	☑ Undissolved Filter < 10%
Asbestos Structures >10 microns:	0	<0.178	☑ Folded Replica < 50%
Total Asbestos Structures:	0	<0.178	☑ Filter Loading < 25%
Analytical Sensitivity:		0.178	☑ Particulate Even

125-02-1579

ENTHALPY ANALYTICAL
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
AmeriSci Richmond
13635 Genito Road
Midlothian, VA 23112
ATTN: Sample Receiving
PO #: Required, to be sent via email

Enthalpy Order: EO-526623
PM: Patty Mata
Email: patty.mata@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Rush 2 day TAT
Report Level: II
Report To: RL
EDDs:

Notes:
Need rush TEM test for non-potable water sample.

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
EB-1	15-FEB-2025 00:00	526623-012	1	Water	Asbestos	

Notes:	Relinquished By:	Received By:
	Date:	Date:
	Date:	Date:
	Date:	Date:

Received
FEB 18 2025

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number	:	526624
Report Level	:	II
Report Date	:	03/11/2025
Revision	:	**2 (See narrative)**

Analytical Report *prepared for:*

Colin Campbell
TRC Solutions, Inc.
6 Executive Circle
Suite 200
Irvine, CA 92614

Project: LAUSD CANYON - LAUSD Canyon Charter 625687.0000.0000

Authorized for release by:

Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Colin Campbell
TRC Solutions, Inc.
6 Executive Circle
Suite 200
Irvine, CA 92614

Lab Job #:	526624
Project No:	LAUSD CANYON
Location:	LAUSD Canyon Charter 625687.0000.0000
Date Received:	02/17/25

Sample ID	Lab ID	Collected	Matrix
CANYON WIPE-1A-02152025	526624-001	02/15/25 08:15	Wipe
CANYON WIPE-1B-02152025	526624-002	02/15/25 09:00	Wipe
CANYON WIPE-2A-02152025	526624-003	02/15/25 09:45	Wipe
CANYON WIPE-2B-0215202	526624-004	02/15/25 10:00	Wipe
CANYON WIPE-3A-02152025	526624-005	02/15/25 10:30	Wipe
CANYON WIPE-3B-02152025	526624-006	02/15/25 10:45	Wipe
DUP-1	526624-007	02/15/25 00:00	Wipe
CANYON WIPE-4A-02152025	526624-008	02/15/25 11:30	Wipe
CANYON WIPE-4B-02152025	526624-009	02/15/25 11:45	Wipe
CANYON WIPE-5A-02152025	526624-010	02/15/25 12:00	Wipe
CANYON WIPE-5B-02152025	526624-011	02/15/25 12:15	Wipe
DUP-2	526624-012	02/15/25 00:00	Wipe
CANYON WIPE-6A-02152025	526624-013	02/15/25 12:30	Wipe
CANYON WIPE-6B-02152025	526624-014	02/15/25 12:45	Wipe
CANYON WIPE-7A-02152025	526624-015	02/15/25 13:00	Wipe
CANYON WIPE-7B-02152025	526624-016	02/15/25 13:15	Wipe
CANYON WIPE-8-02152025	526624-017	02/15/25 13:45	Wipe
CANYON WIPE-9A-02152025	526624-018	02/15/25 14:00	Wipe
CANYON WIPE-9B-02152025	526624-019	02/15/25 14:15	Wipe
CANYON WIPE-10A-02152025	526624-020	02/15/25 14:30	Wipe
CANYON WIPE-10B-02152025	526624-021	02/15/25 14:45	Wipe
CANYON WIPE-11A-02152025	526624-022	02/15/25 15:30	Wipe
CANYON WIPE-11B-02152025	526624-023	02/15/25 16:00	Wipe
CANYON WIPE-12A-02152025	526624-024	02/15/25 16:15	Wipe
CANYON WIPE-12B-02152025	526624-025	02/15/25 16:30	Wipe
CANYON WIPE-FB-02152025	526624-026	02/15/25 00:00	Wipe

ENTHALPY ANALYTICAL

Case Narrative

TRC Solutions, Inc. 6 Executive Circle Suite 200 Irvine, CA 92614 Colin Campbell	Lab Job Number: 526624 Project No: LAUSD CANYON Location: LAUSD Canyon Charter 625687.0000.0000 Date Received: 02/17/25

- This data package contains sample and QC results for twenty six wipe samples, requested for the above referenced project on 02/17/25. The samples were received cold and intact.
- Revised report on 3/11/25 to include raised Zinc reporting limits to account for baseline detections in blank ghost wipes. Multiple blank ghost wipes were analyzed by the lab from the same lot number as the ones used for sampling to determine the background levels in the wipes.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- Low surrogate recovery was observed for nitrobenzene-d5 in CANYON WIPE-7B-02152025 (lab # 526624-016). Sample results may be biased low. Re-extraction could not be performed due to use of entire original wipe sample for original test.
- Low surrogate recovery was observed for 2-fluorobiphenyl in CANYON WIPE-7B-02152025 (lab # 526624-016). Sample results may be biased low. Re-extraction could not be performed due to use of entire original wipe sample for original test.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):

- High response was observed for thallium in the CCV analyzed 02/18/25 12:33; affected data was qualified with "b". This analyte was not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

Asbestos by PLM (EPA 600/R-93-116):

AmeriSci Los Angeles in Carson, CA performed the analysis (see sublab report section for certifications). Please see the AmeriSci Los Angeles case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 526624

Page: 1 of 3

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:		1 Day:	x	Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue
714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	TRC Solutions, Inc	Name:	LAUSD Canyon Charter
Report To:	Colin Campbell	Number:	652687.0000.0000
Email:	ccampbell@trccompanies.com	P.O. #:	
Address:	707 Wilshire Blvd	Address:	421 Entrada Dr
	Los Angeles, CA 90017		Santa Monica, CA 90402
Phone:	213-310-1563	Global ID:	
Fax:	NA	Sampled By:	Jason Cole

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	EPA 6010B T22 Metals	EPA 7471A - Hg	8270 - SIM - PAHs (Low Level)	PLM - Asbestos	EPA 8082 - PCBs	EPA Method 8290 (Dioxins and Furans)	EPA Method 1614A (PBDEs)	Test Instructions / Comments
1	Canyon Wipe-1A-02152025	2/15/25	0815	WP	1/4oz	6	x	x	x	x				Analyze PAH, Asbestos, and T22 metals inc Mercury. Hold other analyses.
2	Canyon Wipe-1B-0215 2025		0900				x	x	x	x				
3	Canyon Wipe-2A-0215 2025		0945				x	x	x	x				
4	Canyon Wipe-2B-02152025		1000				x	x	x	x				
5	Canyon Wipe-3A-02152025		1030				x	x	x	x				
6	Canyon Wipe-3B-0215 2025		1045				x	x	x	x				
7	DUP-1						x	x	x	x				
8	Canyon Wipe-4A-0215 2025		1130				x	x	x	x				
9	Canyon Wipe-4B-0215 2025		1145				x	x	x	x				
10	Canyon Wipe-5A-02152025		1200				x	x	x	x				

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Daniel Avila	TRC / Staff Scientist	2/17/25 1100
[1] Received By:				2/17/25 1100
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange
931 W. Barkley Avenue
714-771-6900

Chain of Custody Record

Lab No: GCV ET 526624
Page: 2 of 3

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Wate SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:		1 Day:	x	Custom TAT:	

Preservatives:
1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3
4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:
(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	TRC Solutions, Inc	Name:	LAUSD Canyon Charter
Report To:	Colin Campbell	Number:	652687.0000.0000
Email:	ccampbell@trccompanies.com	P.O. #:	
Address:	707 Wilshire Blvd	Address:	421 Entrada Dr
	Los Angeles, CA 90017		Santa Monica, CA 90402
Phone:	213-310-1563	Global ID:	
Fax:	NA	Sampled By:	Jason Cole

Analysis Request

Test Instructions / Comments: Analyze PAH, Asbestos, and T22 metals inc Mercury. Hold other analyses.

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	EPA 6010B T22 Metals	EPA 7471A - Hg	8270 - SIM - PAHs (Low Level)	PLM - Asbestos		EPA 8082 - PCBs	EPA Method 8290 (Dioxins and Furans)	EPA Method 1614A (PBDEs)		
1	Canyon Wipe - SB - 02152025	2/15/25	1215	WP	7/4oz	6	x	x	x	x						
2	Dup-2	↓		↓	↓	↓	X	X	X	X						
3	Canyon Wipe- 6A - 02152025	↓	1230	↓	↓	↓	X	X	X	X						
4	Canyon wipe- 6B - 02152025	↓	1245	↓	↓	↓	X	X	X	X						
5	Canyon wipe - 7A - 02152025	↓	1300	↓	↓	↓	X	X	X	X						
6	Canyon wipe - 7B - 02152025	↓	1315	↓	↓	↓	X	X	X	X						
7	Canyon wipe - 8 - 02152025	↓	1345	↓	↓	↓	X	X	X	X						
8	Canyon wipe - 9A - 02152025	↓	1400	↓	↓	↓	X	X	X	X						
9	Canyon wipe - 9B - 02152025	↓	1415	↓	↓	↓	X	X	X	X						
10	Canyon wipe - 10A - 02152025	↓	1430	↓	↓	↓	X	X	X	X						

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	D [signature]	Daniel Amiza	TRC / Staff Scientist	2/17/25 1100
1 Received By:	[signature]	G. Lum	GA	2/17/25 1100
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL	Chain of Custody Record	Turn Around Time (rush by advanced notice only)
	Lab No: 570624	Standard:	5 Day:	3 Day:
	Page: 3 of 3	2 Day:	1 Day: x	Custom TAT:

Enthalpy Analytical - Orange
931 W. Barkley Avenue
714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	TRC Solutions, Inc	Name:	LAUSD Canyon Charter
Report To:	Colin Campbell	Number:	652687.0000.0000
Email:	ccampbell@trccompanies.com	P.O. #:	
Address:	707 Wilshire Blvd	Address:	421 Entrada Dr
	Los Angeles, CA 90017		Santa Monica, CA 90402
Phone:	213-310-1563	Global ID:	
Fax:	NA	Sampled By:	Jason Cole

Analysis Request

#	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	EPA 6010B T22 Metals	EPA 7471A - Hg	8270 - SIM - PAHs (Low Level)	PLM - Asbestos		EPA 8082 - PCBs	EPA Method 8290 (Dioxins and Furans)	EPA Method 1614A (PBDEs)		
1	Canyon Wipe-10B-02152025	2/15/25	1445	WP	7/4oz	6	x	x	x	x						
2	Canyon wipe-11A-02152025		1530				X	X	X	X						
3	Canyon wipe-11B-02152025		1600				X	X	X	X						
4	Canyon wipe-12A-02152025		1615				X	X	X	X						
5	Canyon wipe-12B-02152025		1630				X	X	X	X						
6	Canyon wipe-FB-02152025						X	X	X	X						
7																
8																
9																
10																

Test Instructions / Comments

Analyze PAH, Asbestos, and T22 metals inc Mercury. Hold other analyses.

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	D [signature]	Daniel Amisian	TRC / Staff Scientist	2/17/25 1100
1 Received By:	[signature]	G Hu	EA	2/17/25 1100
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 2/17/25 WO# 526624 Client: TRC Solutions, Inc.

Section 2: Shipping / Custody **Are custody seals present?** ☐ **Yes** ☒ **No**

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ■ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 2/17/25 By (initials) GCK Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR11 CF: +0.1

Cooler Temp (°C) #1: 5.1 / 5.2 #2: 5.8 / 5.9 #3: 5.7 / 5.8 #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	x		
2) Is the sampler's name present on the CoC?	x		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	x		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	x		
5) Were all of, and only, the correct samples received?	x		
6) Are sample labels present, legible, and in agreement with the CoC?	x		
7) Does the container count match the CoC?	x		
8) Was sufficient sample volume / mass received for the analyses requested?	x		
9) Were samples received in proper containers for the analyses requested?	x		
10) Were samples received with > 1/2 holding time remaining?	x		
11) Are samples properly preserved as indicated by CoC / labels?	x		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			x
13) Are VOA vials free from headspace/bubbles > 6mm?	x		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 2/17/25 **By (print)** G. Kim **(sign)** _____

Date Labeled 2/17/25 **By (print)** Orange **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 526624

Colin Campbell
TRC Solutions, Inc.
6 Executive Circle
Suite 200
Irvine, CA 92614

Lab Job #: 526624
Project No: LAUSD CANYON
Location: LAUSD Canyon Charter 625687.0000.0000
Date Received: 02/17/25

Sample ID: CANYON WIPE-1A-02152025 **Lab ID:** 526624-001 **Matrix:** Wipe **Collected:** 02/15/25 08:15

526624-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Surrogates				**Limits**					

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526624

526624-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Nitrobenzene-d5	48%		%REC	40-120	10	363544	02/19/25	02/19/25	ZFA
2-Fluorobiphenyl	49%		%REC	46-120	10	363544	02/19/25	02/19/25	ZFA
Terphenyl-d14	52%		%REC	43-120	10	363544	02/19/25	02/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526624

Sample ID:	Lab ID: 526624-002	Collected: 02/15/25 09:00
CANYON WIPE-1B-02152025	Matrix: Wipe	

526624-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	66%		%REC	40-120	10	363544	02/19/25	02/19/25	ZFA
2-Fluorobiphenyl	68%		%REC	46-120	10	363544	02/19/25	02/19/25	ZFA
Terphenyl-d14	76%		%REC	43-120	10	363544	02/19/25	02/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526624

Sample ID:	Lab ID: 526624-003	Collected: 02/15/25 09:45
CANYON WIPE-2A-02152025	Matrix: Wipe	

526624-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	**1.6**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	58%		%REC	40-120	10	363544	02/19/25	02/19/25	ZFA
2-Fluorobiphenyl	59%		%REC	46-120	10	363544	02/19/25	02/19/25	ZFA
Terphenyl-d14	63%		%REC	43-120	10	363544	02/19/25	02/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526624

Sample ID:	Lab ID: 526624-004	Collected: 02/15/25 10:00
CANYON WIPE-2B-0215202	Matrix: Wipe	

526624-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	66%		%REC	40-120	10	363544	02/19/25	02/19/25	ZFA
2-Fluorobiphenyl	68%		%REC	46-120	10	363544	02/19/25	02/19/25	ZFA
Terphenyl-d14	72%		%REC	43-120	10	363544	02/19/25	02/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526624

Sample ID:	Lab ID: 526624-005	Collected: 02/15/25 10:30
CANYON WIPE-3A-02152025	Matrix: Wipe	

526624-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	64%		%REC	40-120	10	363544	02/19/25	02/19/25	ZFA
2-Fluorobiphenyl	66%		%REC	46-120	10	363544	02/19/25	02/19/25	ZFA
Terphenyl-d14	71%		%REC	43-120	10	363544	02/19/25	02/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-006	Collected: 02/15/25 10:45
CANYON WIPE-3B-02152025	Matrix: Wipe	

526624-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	59%		%REC	40-120	10	363544	02/19/25	02/19/25	ZFA
2-Fluorobiphenyl	60%		%REC	46-120	10	363544	02/19/25	02/19/25	ZFA
Terphenyl-d14	67%		%REC	43-120	10	363544	02/19/25	02/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID: DUP-1	Lab ID: 526624-007	Collected: 02/15/25
	Matrix: Wipe	

526624-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	55%		%REC	40-120	10	363544	02/19/25	02/19/25	ZFA
2-Fluorobiphenyl	58%		%REC	46-120	10	363544	02/19/25	02/19/25	ZFA
Terphenyl-d14	63%		%REC	43-120	10	363544	02/19/25	02/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-008	Collected: 02/15/25 11:30
CANYON WIPE-4A-02152025	Matrix: Wipe	

526624-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	57%		%REC	40-120	10	363544	02/19/25	02/19/25	ZFA
2-Fluorobiphenyl	59%		%REC	46-120	10	363544	02/19/25	02/19/25	ZFA
Terphenyl-d14	65%		%REC	43-120	10	363544	02/19/25	02/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-009	Collected: 02/15/25 11:45
CANYON WIPE-4B-02152025	Matrix: Wipe	

526624-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/19/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	61%		%REC	40-120	10	363544	02/19/25	02/19/25	ZFA
2-Fluorobiphenyl	63%		%REC	46-120	10	363544	02/19/25	02/19/25	ZFA
Terphenyl-d14	70%		%REC	43-120	10	363544	02/19/25	02/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526624

Sample ID:	Lab ID: 526624-010	Collected: 02/15/25 12:00
CANYON WIPE-5A-02152025	Matrix: Wipe	

526624-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	65%		%REC	40-120	10	363544	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	67%		%REC	46-120	10	363544	02/19/25	02/20/25	ZFA
Terphenyl-d14	71%		%REC	43-120	10	363544	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526624

Sample ID:	Lab ID: 526624-011	Collected: 02/15/25 12:15
CANYON WIPE-5B-02152025	Matrix: Wipe	

526624-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	**1.9**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	60%		%REC	40-120	10	363544	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	62%		%REC	46-120	10	363544	02/19/25	02/20/25	ZFA
Terphenyl-d14	69%		%REC	43-120	10	363544	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526624

Sample ID: DUP-2	Lab ID: 526624-012	Collected: 02/15/25
	Matrix: Wipe	

526624-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	60%		%REC	40-120	10	363544	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	63%		%REC	46-120	10	363544	02/19/25	02/20/25	ZFA
Terphenyl-d14	68%		%REC	43-120	10	363544	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-013	Collected: 02/15/25 12:30
CANYON WIPE-6A-02152025	Matrix: Wipe	

526624-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	64%		%REC	40-120	10	363544	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	64%		%REC	46-120	10	363544	02/19/25	02/20/25	ZFA
Terphenyl-d14	70%		%REC	43-120	10	363544	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-014	Collected: 02/15/25 12:45
CANYON WIPE-6B-02152025	Matrix: Wipe	

526624-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	**9.6**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	**1.3**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	**4.6**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	**1.5**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	**1.4**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	63%		%REC	40-120	10	363544	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	64%		%REC	46-120	10	363544	02/19/25	02/20/25	ZFA
Terphenyl-d14	69%		%REC	43-120	10	363544	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526624

Sample ID:	Lab ID: 526624-015	Collected: 02/15/25 13:00
CANYON WIPE-7A-02152025	Matrix: Wipe	

526624-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	61%		%REC	40-120	10	363544	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	63%		%REC	46-120	10	363544	02/19/25	02/20/25	ZFA
Terphenyl-d14	70%		%REC	43-120	10	363544	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-016	Collected: 02/15/25 13:15
CANYON WIPE-7B-02152025	Matrix: Wipe	

526624-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	**1.8**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	**1.8**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	**1.4**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	**4.1**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	**2,600**		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	36%	*	%REC	40-120	10	363544	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	41%	*	%REC	46-120	10	363544	02/19/25	02/20/25	ZFA
Terphenyl-d14	44%		%REC	43-120	10	363544	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-017	Collected: 02/15/25 13:45
CANYON WIPE-8-02152025	Matrix: Wipe	

526624-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	**9.8**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	**1.5**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	**10**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	**3.6**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	**2.1**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	**280**		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	58%		%REC	40-120	10	363544	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	59%		%REC	46-120	10	363544	02/19/25	02/20/25	ZFA
Terphenyl-d14	66%		%REC	43-120	10	363544	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-018	Collected: 02/15/25 14:00
CANYON WIPE-9A-02152025	Matrix: Wipe	

526624-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	62%		%REC	40-120	10	363544	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	63%		%REC	46-120	10	363544	02/19/25	02/20/25	ZFA
Terphenyl-d14	69%		%REC	43-120	10	363544	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-019	Collected: 02/15/25 14:15
CANYON WIPE-9B-02152025	Matrix: Wipe	

526624-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	**1.2**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	**64**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	**73**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	**2.4**		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	**23**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	**8.1**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	**85**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	**11**		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	**5,600**		ug/s	2,000	10	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	66%		%REC	40-120	10	363544	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	67%		%REC	46-120	10	363544	02/19/25	02/20/25	ZFA
Terphenyl-d14	73%		%REC	43-120	10	363544	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-020	Collected: 02/15/25 14:30
CANYON WIPE-10A-02152025	Matrix: Wipe	

526624-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Arsenic	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Barium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Beryllium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Cadmium	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Chromium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Cobalt	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Copper	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Lead	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Molybdenum	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Nickel	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Selenium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Silver	ND		ug/s	0.50	1	363347	02/18/25	02/18/25	CAP
Thallium	ND		ug/s	3.0	1	363347	02/18/25	02/18/25	CAP
Vanadium	ND		ug/s	1.0	1	363347	02/18/25	02/18/25	CAP
Zinc	ND		ug/s	200	1	363347	02/18/25	02/18/25	CAP
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363513	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363544	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	62%		%REC	40-120	10	363544	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	62%		%REC	46-120	10	363544	02/19/25	02/20/25	ZFA
Terphenyl-d14	69%		%REC	43-120	10	363544	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-021	Collected: 02/15/25 14:45
CANYON WIPE-10B-02152025	Matrix: Wipe	

526624-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Arsenic	**1.5**		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Barium	**41**		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Beryllium	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Cadmium	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Chromium	**5.3**		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Cobalt	**1.1**		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Copper	**13**		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Lead	**5.9**		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Molybdenum	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Nickel	**3.6**		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Selenium	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Silver	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Thallium	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Vanadium	**6.6**		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Zinc	**310**		ug/s	200	1	363355	02/18/25	02/18/25	SBW
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363514	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	46%		%REC	40-120	10	363547	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	48%		%REC	46-120	10	363547	02/19/25	02/20/25	ZFA
Terphenyl-d14	48%		%REC	43-120	10	363547	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-022	Collected: 02/15/25 15:30
CANYON WIPE-11A-02152025	Matrix: Wipe	

526624-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Arsenic	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Barium	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Beryllium	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Cadmium	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Chromium	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Cobalt	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Copper	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Lead	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Molybdenum	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Nickel	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Selenium	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Silver	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Thallium	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Vanadium	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Zinc	ND		ug/s	200	1	363355	02/18/25	02/18/25	SBW
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363514	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	58%		%REC	40-120	10	363547	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	64%		%REC	46-120	10	363547	02/19/25	02/20/25	ZFA
Terphenyl-d14	65%		%REC	43-120	10	363547	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-023	Collected: 02/15/25 16:00
CANYON WIPE-11B-02152025	Matrix: Wipe	

526624-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Arsenic	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Barium	**12**		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Beryllium	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Cadmium	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Chromium	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Cobalt	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Copper	**1.6**		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Lead	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Molybdenum	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Nickel	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Selenium	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Silver	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Thallium	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Vanadium	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Zinc	**270**		ug/s	200	1	363355	02/18/25	02/18/25	SBW
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363514	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	77%		%REC	40-120	10	363547	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	76%		%REC	46-120	10	363547	02/19/25	02/20/25	ZFA
Terphenyl-d14	76%		%REC	43-120	10	363547	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 526624

Sample ID:	Lab ID: 526624-024	Collected: 02/15/25 16:15
CANYON WIPE-12A-02152025	Matrix: Wipe	

526624-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Arsenic	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Barium	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Beryllium	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Cadmium	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Chromium	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Cobalt	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Copper	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Lead	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Molybdenum	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Nickel	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Selenium	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Silver	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Thallium	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Vanadium	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Zinc	ND		ug/s	200	1	363355	02/18/25	02/18/25	SBW
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363514	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	55%		%REC	40-120	10	363547	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	59%		%REC	46-120	10	363547	02/19/25	02/20/25	ZFA
Terphenyl-d14	59%		%REC	43-120	10	363547	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526624

Sample ID:	Lab ID: 526624-025	Collected: 02/15/25 16:30
CANYON WIPE-12B-02152025	Matrix: Wipe	

526624-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Arsenic	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Barium	**2.4**		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Beryllium	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Cadmium	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Chromium	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Cobalt	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Copper	**2.0**		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Lead	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Molybdenum	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Nickel	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Selenium	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Silver	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Thallium	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Vanadium	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Zinc	ND		ug/s	200	1	363355	02/18/25	02/18/25	SBW
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363514	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	70%		%REC	40-120	10	363547	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	71%		%REC	46-120	10	363547	02/19/25	02/20/25	ZFA
Terphenyl-d14	69%		%REC	43-120	10	363547	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 526624

Sample ID:	Lab ID: 526624-026	Collected: 02/15/25
CANYON WIPE-FB-02152025	Matrix: Wipe	

526624-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Arsenic	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Barium	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Beryllium	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Cadmium	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Chromium	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Cobalt	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Copper	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Lead	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Molybdenum	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Nickel	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Selenium	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Silver	ND		ug/s	0.50	1	363355	02/18/25	02/18/25	SBW
Thallium	ND		ug/s	3.0	1	363355	02/18/25	02/18/25	SBW
Vanadium	ND		ug/s	1.0	1	363355	02/18/25	02/18/25	SBW
Zinc	ND		ug/s	200	1	363355	02/18/25	02/18/25	SBW
Method: EPA 7470A Prep Method: EPA 7471A									
Mercury	ND		ug/s	3.5	25	363514	02/19/25	02/20/25	MLL
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
1-Methylnaphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Naphthalene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Acenaphthylene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Acenaphthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Fluorene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Phenanthrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Chrysene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/s	2.0	10	363547	02/19/25	02/20/25	ZFA
Surrogates				**Limits**					
Nitrobenzene-d5	62%		%REC	40-120	10	363547	02/19/25	02/20/25	ZFA
2-Fluorobiphenyl	62%		%REC	46-120	10	363547	02/19/25	02/20/25	ZFA
Terphenyl-d14	60%		%REC	43-120	10	363547	02/19/25	02/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

Analysis Results for 526624

* Value is outside QC limits
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1230377**	**Batch: 363347**
Matrix: Wipe	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1230377 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		ug/s	3.0	02/18/25	02/18/25
Arsenic	ND		ug/s	1.0	02/18/25	02/18/25
Barium	ND		ug/s	1.0	02/18/25	02/18/25
Beryllium	ND		ug/s	0.50	02/18/25	02/18/25
Cadmium	ND		ug/s	0.50	02/18/25	02/18/25
Chromium	ND		ug/s	1.0	02/18/25	02/18/25
Cobalt	ND		ug/s	0.50	02/18/25	02/18/25
Copper	ND		ug/s	1.0	02/18/25	02/18/25
Lead	ND		ug/s	1.0	02/18/25	02/18/25
Molybdenum	ND		ug/s	1.0	02/18/25	02/18/25
Nickel	ND		ug/s	1.0	02/18/25	02/18/25
Selenium	ND		ug/s	3.0	02/18/25	02/18/25
Silver	ND		ug/s	0.50	02/18/25	02/18/25
Thallium	ND		ug/s	3.0	02/18/25	02/18/25
Vanadium	ND		ug/s	1.0	02/18/25	02/18/25
Zinc	ND		ug/s	200	02/18/25	02/18/25

Type: Lab Control Sample	**Lab ID: QC1230378**	**Batch: 363347**
Matrix: Wipe	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1230378 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	97.56	100.0	ug/s	98%		80-120
Arsenic	96.65	100.0	ug/s	97%		80-120
Barium	108.2	100.0	ug/s	108%		80-120
Beryllium	103.0	100.0	ug/s	103%		80-120
Cadmium	97.05	100.0	ug/s	97%		80-120
Chromium	106.7	100.0	ug/s	107%		80-120
Cobalt	110.8	100.0	ug/s	111%		80-120
Copper	101.8	100.0	ug/s	102%		80-120
Lead	108.3	100.0	ug/s	108%		80-120
Molybdenum	102.1	100.0	ug/s	102%		80-120
Nickel	109.1	100.0	ug/s	109%		80-120
Selenium	89.07	100.0	ug/s	89%		80-120
Silver	47.17	50.00	ug/s	94%		80-120
Thallium	108.6	100.0	ug/s	109%	b	80-120
Vanadium	101.2	100.0	ug/s	101%		80-120
Zinc	104.3	100.0	ug/s	104%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1230379**	**Batch:**	**363347**
Matrix:	**Wipe**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC1230379 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Antimony	96.77	100.0	ug/s	97%		80-120	1	20
Arsenic	96.73	100.0	ug/s	97%		80-120	0	20
Barium	108.5	100.0	ug/s	109%		80-120	0	20
Beryllium	103.5	100.0	ug/s	104%		80-120	1	20
Cadmium	97.23	100.0	ug/s	97%		80-120	0	20
Chromium	107.1	100.0	ug/s	107%		80-120	0	20
Cobalt	111.4	100.0	ug/s	111%		80-120	1	20
Copper	101.6	100.0	ug/s	102%		80-120	0	20
Lead	108.5	100.0	ug/s	109%		80-120	0	20
Molybdenum	102.7	100.0	ug/s	103%		80-120	1	20
Nickel	109.3	100.0	ug/s	109%		80-120	0	20
Selenium	89.40	100.0	ug/s	89%		80-120	0	20
Silver	47.40	50.00	ug/s	95%		80-120	0	20
Thallium	109.1	100.0	ug/s	109%	b	80-120	0	20
Vanadium	101.4	100.0	ug/s	101%		80-120	0	20
Zinc	104.8	100.0	ug/s	105%		80-120	0	20

Type:	**Serial Dilution**	**Lab ID:**	**QC1230564**	**Batch:**	**363347**
Matrix (Source ID):	**Wipe (526624-016)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC1230564 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Antimony	ND	ND	ug/s				5
Arsenic	ND	ND	ug/s				5
Barium	1.945	1.780	ug/s	J			5
Beryllium	ND	ND	ug/s				5
Cadmium	ND	ND	ug/s				5
Chromium	ND	1.845	ug/s				5
Cobalt	ND	ND	ug/s				5
Copper	ND	1.391	ug/s				5
Lead	4.505	4.051	ug/s	J			5
Molybdenum	ND	ND	ug/s				5
Nickel	ND	ND	ug/s				5
Selenium	ND	ND	ug/s				5
Silver	ND	ND	ug/s				5
Thallium	ND	ND	ug/s				5
Vanadium	ND	ND	ug/s				5
Zinc	2,708	2642	ug/s				5

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1230414**	**Batch: 363355**
Matrix: Wipe	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1230414 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		ug/s	3.0	02/18/25	02/18/25
Arsenic	ND		ug/s	1.0	02/18/25	02/18/25
Barium	ND		ug/s	1.0	02/18/25	02/18/25
Beryllium	ND		ug/s	0.50	02/18/25	02/18/25
Cadmium	ND		ug/s	0.50	02/18/25	02/18/25
Chromium	ND		ug/s	1.0	02/18/25	02/18/25
Cobalt	ND		ug/s	0.50	02/18/25	02/18/25
Copper	ND		ug/s	1.0	02/18/25	02/18/25
Lead	ND		ug/s	1.0	02/18/25	02/18/25
Molybdenum	ND		ug/s	1.0	02/18/25	02/18/25
Nickel	ND		ug/s	1.0	02/18/25	02/18/25
Selenium	ND		ug/s	3.0	02/18/25	02/18/25
Silver	ND		ug/s	0.50	02/18/25	02/18/25
Thallium	ND		ug/s	3.0	02/18/25	02/18/25
Vanadium	ND		ug/s	1.0	02/18/25	02/18/25
Zinc	ND		ug/s	200	02/18/25	02/18/25

Type: Lab Control Sample	**Lab ID: QC1230415**	**Batch: 363355**
Matrix: Wipe	**Method: EPA 6010B**	**Prep Method: EPA 3050B**

QC1230415 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	96.68	100.0	ug/s	97%		80-120
Arsenic	95.59	100.0	ug/s	96%		80-120
Barium	101.8	100.0	ug/s	102%		80-120
Beryllium	97.48	100.0	ug/s	97%		80-120
Cadmium	99.14	100.0	ug/s	99%		80-120
Chromium	98.65	100.0	ug/s	99%		80-120
Cobalt	103.3	100.0	ug/s	103%		80-120
Copper	97.35	100.0	ug/s	97%		80-120
Lead	103.2	100.0	ug/s	103%		80-120
Molybdenum	98.62	100.0	ug/s	99%		80-120
Nickel	101.1	100.0	ug/s	101%		80-120
Selenium	90.57	100.0	ug/s	91%		80-120
Silver	47.96	50.00	ug/s	96%		80-120
Thallium	101.5	100.0	ug/s	101%		80-120
Vanadium	99.16	100.0	ug/s	99%		80-120
Zinc	99.94	100.0	ug/s	100%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC1230416	Batch:	363355
Matrix:	Wipe	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1230416 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Antimony	95.98	100.0	ug/s	96%		80-120	1	20
Arsenic	94.72	100.0	ug/s	95%		80-120	1	20
Barium	100.6	100.0	ug/s	101%		80-120	1	20
Beryllium	96.89	100.0	ug/s	97%		80-120	1	20
Cadmium	98.64	100.0	ug/s	99%		80-120	1	20
Chromium	97.76	100.0	ug/s	98%		80-120	1	20
Cobalt	102.3	100.0	ug/s	102%		80-120	1	20
Copper	96.89	100.0	ug/s	97%		80-120	0	20
Lead	101.6	100.0	ug/s	102%		80-120	2	20
Molybdenum	97.39	100.0	ug/s	97%		80-120	1	20
Nickel	100.1	100.0	ug/s	100%		80-120	1	20
Selenium	89.56	100.0	ug/s	90%		80-120	1	20
Silver	47.77	50.00	ug/s	96%		80-120	0	20
Thallium	100.4	100.0	ug/s	100%		80-120	1	20
Vanadium	98.40	100.0	ug/s	98%		80-120	1	20
Zinc	99.68	100.0	ug/s	100%		80-120	0	20

Type:	Serial Dilution	Lab ID:	QC1230892	Batch:	363355
Matrix (Source ID):	Wipe (526624-021)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1230892 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Antimony	ND	ND	ug/s				5
Arsenic	ND	1.451	ug/s				5
Barium	42.36	40.63	ug/s				5
Beryllium	ND	ND	ug/s				5
Cadmium	ND	0.08782	ug/s				5
Chromium	5.468	5.332	ug/s				5
Cobalt	ND	1.073	ug/s				5
Copper	12.29	12.94	ug/s				5
Lead	3.594	5.890	ug/s	J			5
Molybdenum	ND	0.6349	ug/s				5
Nickel	3.738	3.622	ug/s	J			5
Selenium	ND	ND	ug/s				5
Silver	1.686	ND	ug/s	J			5
Thallium	ND	ND	ug/s				5
Vanadium	7.132	6.635	ug/s				5
Zinc	322.6	310.8	ug/s	J			5

Type:	Blank	Lab ID:	QC1230927	Batch:	363513
Matrix:	Wipe	Method:	EPA 7470A	Prep Method:	EPA 7471A

QC1230927 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		ug/s	0.14	02/19/25	02/20/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID:** QC1230928	**Batch:** 363513
Matrix: Wipe	**Method:** EPA 7470A	**Prep Method:** EPA 7471A

QC1230928 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.4684	0.5000	ug/s	94%		80-120

Type: Lab Control Sample Duplicate	**Lab ID:** QC1230929	**Batch:** 363513
Matrix: Wipe	**Method:** EPA 7470A	**Prep Method:** EPA 7471A

QC1230929 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Mercury	0.4865	0.5000	ug/s	97%		80-120	4	20

Type: Blank	**Lab ID:** QC1230930	**Batch:** 363514
Matrix: Wipe	**Method:** EPA 7470A	**Prep Method:** EPA 7471A

QC1230930 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		ug/s	0.14	02/19/25	02/20/25

Type: Lab Control Sample	**Lab ID:** QC1230931	**Batch:** 363514
Matrix: Wipe	**Method:** EPA 7470A	**Prep Method:** EPA 7471A

QC1230931 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.4810	0.5000	ug/s	96%		80-120

Type: Lab Control Sample Duplicate	**Lab ID:** QC1230932	**Batch:** 363514
Matrix: Wipe	**Method:** EPA 7470A	**Prep Method:** EPA 7471A

QC1230932 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Mercury	0.4796	0.5000	ug/s	96%		80-120	0	20

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1231025	**Batch:** 363544	
Matrix: Wipe	**Method:** EPA 8270C-SIM	**Prep Method:** EPA 3580M	

QC1231025 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/s	2.0	02/19/25	02/19/25
2-Methylnaphthalene	ND		ug/s	2.0	02/19/25	02/19/25
Naphthalene	ND		ug/s	2.0	02/19/25	02/19/25
Acenaphthylene	ND		ug/s	2.0	02/19/25	02/19/25
Acenaphthene	ND		ug/s	2.0	02/19/25	02/19/25
Fluorene	ND		ug/s	2.0	02/19/25	02/19/25
Phenanthrene	ND		ug/s	2.0	02/19/25	02/19/25
Anthracene	ND		ug/s	2.0	02/19/25	02/19/25
Fluoranthene	ND		ug/s	2.0	02/19/25	02/19/25
Pyrene	ND		ug/s	2.0	02/19/25	02/19/25
Benzo(a)anthracene	ND		ug/s	2.0	02/19/25	02/19/25
Chrysene	ND		ug/s	2.0	02/19/25	02/19/25
Benzo(b)fluoranthene	ND		ug/s	2.0	02/19/25	02/19/25
Benzo(k)fluoranthene	ND		ug/s	2.0	02/19/25	02/19/25
Benzo(a)pyrene	ND		ug/s	2.0	02/19/25	02/19/25
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	02/19/25	02/19/25
Dibenz(a,h)anthracene	ND		ug/s	2.0	02/19/25	02/19/25
Benzo(g,h,i)perylene	ND		ug/s	2.0	02/19/25	02/19/25
Surrogates				**Limits**		
Nitrobenzene-d5	65%		%REC	40-120	02/19/25	02/19/25
2-Fluorobiphenyl	76%		%REC	46-120	02/19/25	02/19/25
Terphenyl-d14	79%		%REC	43-120	02/19/25	02/19/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1231026**	**Batch:**	**363544**
Matrix:	**Wipe**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3580M**

QC1231026 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	6.061	8.000	ug/s	76%		52-120
2-Methylnaphthalene	5.707	8.000	ug/s	71%		53-120
Naphthalene	5.800	8.000	ug/s	73%		50-120
Acenaphthylene	5.972	8.000	ug/s	75%		48-120
Acenaphthene	5.349	8.000	ug/s	67%		49-120
Fluorene	5.301	8.000	ug/s	66%		51-120
Phenanthrene	5.263	8.000	ug/s	66%		50-120
Anthracene	5.729	8.000	ug/s	72%		46-120
Fluoranthene	5.277	8.000	ug/s	66%		50-120
Pyrene	5.429	8.000	ug/s	68%		48-120
Benzo(a)anthracene	5.546	8.000	ug/s	69%		52-120
Chrysene	5.416	8.000	ug/s	68%		52-120
Benzo(b)fluoranthene	4.825	8.000	ug/s	60%		51-120
Benzo(k)fluoranthene	5.295	8.000	ug/s	66%		51-120
Benzo(a)pyrene	5.256	8.000	ug/s	66%		47-120
Indeno(1,2,3-cd)pyrene	5.138	8.000	ug/s	64%		43-120
Dibenz(a,h)anthracene	5.273	8.000	ug/s	66%		41-120
Benzo(g,h,i)perylene	5.570	8.000	ug/s	70%		42-120
Surrogates						
Nitrobenzene-d5	5.972	8.000	ug/s	75%		40-120
2-Fluorobiphenyl	6.250	8.000	ug/s	78%		46-120
Terphenyl-d14	6.300	8.000	ug/s	79%		43-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1231027**	**Batch:**	**363544**
Matrix:	**Wipe**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3580M**

QC1231027 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1-Methylnaphthalene	6.561	8.000	ug/s	82%		52-120	8	20
2-Methylnaphthalene	6.148	8.000	ug/s	77%		53-120	7	20
Naphthalene	6.221	8.000	ug/s	78%		50-120	7	20
Acenaphthylene	6.488	8.000	ug/s	81%		48-120	8	20
Acenaphthene	5.726	8.000	ug/s	72%		49-120	7	20
Fluorene	5.701	8.000	ug/s	71%		51-120	7	20
Phenanthrene	5.582	8.000	ug/s	70%		50-120	6	20
Anthracene	6.060	8.000	ug/s	76%		46-120	6	20
Fluoranthene	5.678	8.000	ug/s	71%		50-120	7	20
Pyrene	5.745	8.000	ug/s	72%		48-120	6	20
Benzo(a)anthracene	5.947	8.000	ug/s	74%		52-120	7	20
Chrysene	5.857	8.000	ug/s	73%		52-120	8	20
Benzo(b)fluoranthene	5.189	8.000	ug/s	65%		51-120	7	20
Benzo(k)fluoranthene	5.663	8.000	ug/s	71%		51-120	7	20
Benzo(a)pyrene	5.446	8.000	ug/s	68%		47-120	4	20
Indeno(1,2,3-cd)pyrene	5.543	8.000	ug/s	69%		43-120	8	20
Dibenz(a,h)anthracene	5.822	8.000	ug/s	73%		41-120	10	20
Benzo(g,h,i)perylene	5.973	8.000	ug/s	75%		42-120	7	20
Surrogates								
Nitrobenzene-d5	4.753	8.000	ug/s	59%		40-120		
2-Fluorobiphenyl	5.060	8.000	ug/s	63%		46-120		
Terphenyl-d14	5.054	8.000	ug/s	63%		43-120		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1231037	**Batch:** 363547	
Matrix: Wipe	**Method:** EPA 8270C-SIM	**Prep Method:** EPA 3580M	

QC1231037 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/s	2.0	02/19/25	02/20/25
2-Methylnaphthalene	ND		ug/s	2.0	02/19/25	02/20/25
Naphthalene	ND		ug/s	2.0	02/19/25	02/20/25
Acenaphthylene	ND		ug/s	2.0	02/19/25	02/20/25
Acenaphthene	ND		ug/s	2.0	02/19/25	02/20/25
Fluorene	ND		ug/s	2.0	02/19/25	02/20/25
Phenanthrene	ND		ug/s	2.0	02/19/25	02/20/25
Anthracene	ND		ug/s	2.0	02/19/25	02/20/25
Fluoranthene	ND		ug/s	2.0	02/19/25	02/20/25
Pyrene	ND		ug/s	2.0	02/19/25	02/20/25
Benzo(a)anthracene	ND		ug/s	2.0	02/19/25	02/20/25
Chrysene	ND		ug/s	2.0	02/19/25	02/20/25
Benzo(b)fluoranthene	ND		ug/s	2.0	02/19/25	02/20/25
Benzo(k)fluoranthene	ND		ug/s	2.0	02/19/25	02/20/25
Benzo(a)pyrene	ND		ug/s	2.0	02/19/25	02/20/25
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	02/19/25	02/20/25
Dibenz(a,h)anthracene	ND		ug/s	2.0	02/19/25	02/20/25
Benzo(g,h,i)perylene	ND		ug/s	2.0	02/19/25	02/20/25
Surrogates				**Limits**		
Nitrobenzene-d5	68%		%REC	40-120	02/19/25	02/20/25
2-Fluorobiphenyl	68%		%REC	46-120	02/19/25	02/20/25
Terphenyl-d14	73%		%REC	43-120	02/19/25	02/20/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1231038**	**Batch:**	**363547**
Matrix:	**Wipe**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3580M**

QC1231038 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	6.294	8.000	ug/s	79%		52-120
2-Methylnaphthalene	5.968	8.000	ug/s	75%		53-120
Naphthalene	5.999	8.000	ug/s	75%		50-120
Acenaphthylene	6.424	8.000	ug/s	80%		48-120
Acenaphthene	5.565	8.000	ug/s	70%		49-120
Fluorene	5.713	8.000	ug/s	71%		51-120
Phenanthrene	5.500	8.000	ug/s	69%		50-120
Anthracene	6.019	8.000	ug/s	75%		46-120
Fluoranthene	5.958	8.000	ug/s	74%		50-120
Pyrene	6.108	8.000	ug/s	76%		48-120
Benzo(a)anthracene	6.066	8.000	ug/s	76%		52-120
Chrysene	5.737	8.000	ug/s	72%		52-120
Benzo(b)fluoranthene	5.136	8.000	ug/s	64%		51-120
Benzo(k)fluoranthene	5.257	8.000	ug/s	66%		51-120
Benzo(a)pyrene	4.939	8.000	ug/s	62%		47-120
Indeno(1,2,3-cd)pyrene	5.203	8.000	ug/s	65%		43-120
Dibenz(a,h)anthracene	5.325	8.000	ug/s	67%		41-120
Benzo(g,h,i)perylene	5.212	8.000	ug/s	65%		42-120
Surrogates						
Nitrobenzene-d5	4.488	8.000	ug/s	56%		40-120
2-Fluorobiphenyl	4.593	8.000	ug/s	57%		46-120
Terphenyl-d14	4.996	8.000	ug/s	62%		43-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1231039**	**Batch:**	**363547**
Matrix:	**Wipe**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3580M**

QC1231039 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1-Methylnaphthalene	6.430	8.000	ug/s	80%		52-120	2	20
2-Methylnaphthalene	5.990	8.000	ug/s	75%		53-120	0	20
Naphthalene	6.044	8.000	ug/s	76%		50-120	1	20
Acenaphthylene	6.647	8.000	ug/s	83%		48-120	3	20
Acenaphthene	5.519	8.000	ug/s	69%		49-120	1	20
Fluorene	5.772	8.000	ug/s	72%		51-120	1	20
Phenanthrene	5.444	8.000	ug/s	68%		50-120	1	20
Anthracene	5.889	8.000	ug/s	74%		46-120	2	20
Fluoranthene	5.888	8.000	ug/s	74%		50-120	1	20
Pyrene	6.013	8.000	ug/s	75%		48-120	2	20
Benzo(a)anthracene	5.912	8.000	ug/s	74%		52-120	3	20
Chrysene	5.539	8.000	ug/s	69%		52-120	4	20
Benzo(b)fluoranthene	5.125	8.000	ug/s	64%		51-120	0	20
Benzo(k)fluoranthene	5.297	8.000	ug/s	66%		51-120	1	20
Benzo(a)pyrene	5.008	8.000	ug/s	63%		47-120	1	20
Indeno(1,2,3-cd)pyrene	5.149	8.000	ug/s	64%		43-120	1	20
Dibenz(a,h)anthracene	5.257	8.000	ug/s	66%		41-120	1	20
Benzo(g,h,i)perylene	5.191	8.000	ug/s	65%		42-120	0	20
Surrogates								
Nitrobenzene-d5	4.933	8.000	ug/s	62%		40-120		
2-Fluorobiphenyl	5.683	8.000	ug/s	71%		46-120		
Terphenyl-d14	5.994	8.000	ug/s	75%		43-120		

J Estimated value
ND Not Detected
b See narrative

Laboratory Job Number 526624

Subcontracted Products

AmeriSci Los Angeles

Please Reply To:

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

LABORATORY ELECTRONIC TRANSMITTAL

To: Project Manager
Enthalpy Analytical
Fax #:

From: Thu M. Nguyen
AmeriSci Job #: 925021155
Subject: PLM-Bulk-Qualitative 48 hour Res
Client Project: EO-526624

Email: incomingreports@enthalpy.com, patty.mata@enthalpy.com

Date: Thursday, February 20, 2025
Time: 11:49:29
Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

Enthalpy Analytical
Attn: Project Manager
931 W. Barkley Ave.

Orange, CA 92868

Date Received 02/18/25
Date Examined 02/19/25

RE: EO-526624

AmeriSci Job # 925021155
P.O. #
Page 1 **of** 5

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
526624-001	925021155-01	***No***	NVA [1]

Location: Canyon Wipe - 1A-02152025

by Thu M. Nguyen
on 02/19/25

Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe
Asbestos Types:
Other Material: NVA NAD

526624-002	925021155-02	***No***	NVA [1]

Location: Canyon Wipe - 1B-02152025

by Thu M. Nguyen
on 02/19/25

Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe
Asbestos Types:
Other Material: NVA NAD

526624-003	925021155-03	***No***	NVA [1]

Location: Canyon Wipe - 2A-02152025

by Thu M. Nguyen
on 02/19/25

Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe
Asbestos Types:
Other Material: NVA NAD

526624-004	925021155-04	***No***	NVA [1]

Location: Canyon Wipe - 2B-0215202

by Thu M. Nguyen
on 02/19/25

Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe
Asbestos Types:
Other Material: NVA NAD

526624-005	925021155-05	***No***	NVA [1]

Location: Canyon Wipe - 3A-02152025

by Thu M. Nguyen
on 02/19/25

Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe
Asbestos Types:
Other Material: NVA NAD

See Reporting notes on last page

PLM Bulk Asbestos Report

EO-526624

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
526624-006	925021155-06	***No***	NVA [1]
Location: Canyon Wipe - 3B-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-007	925021155-07	***No***	NVA [1]
Location: DUP-1			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-008	925021155-08	***No***	NVA [1]
Location: Canyon Wipe - 4A-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-009	925021155-09	***No***	NVA [1]
Location: Canyon Wipe - 4B-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-010	925021155-10	***No***	NVA [1]
Location: Canyon Wipe - 5A-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-011	925021155-11	***No***	NVA [1]
Location: Canyon Wipe - 5B-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			

See Reporting notes on last page

PLM Bulk Asbestos Report

EO-526624

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
526624-012 **Location:** DUP-2	925021155-12	***No***	NVA [1] by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-013 **Location:** Canyon Wipe - 6A-02152025	925021155-13	***No***	NVA [1] by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-014 **Location:** Canyon Wipe - 6B-02152025	925021155-14	***No***	NVA [1] by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-015 **Location:** Canyon Wipe - 7A-02152025	925021155-15	***No***	NVA by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-016 **Location:** Canyon Wipe - 7B-02152025	925021155-16	***No***	NVA by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-017 **Location:** Canyon Wipe - 8-02152025	925021155-17	***No***	NVA by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			

See Reporting notes on last page

PLM Bulk Asbestos Report

EO-526624

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
526624-018	925021155-18	***No***	NVA [1]
Location: Canyon Wipe - 9A-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-019	925021155-19	***No***	NVA [1]
Location: Canyon Wipe - 9B-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-020	925021155-20	***No***	NVA [1]
Location: Canyon Wipe - 10A-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-021	925021155-21	***No***	NVA [1]
Location: Canyon Wipe - 10B-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-022	925021155-22	***No***	NVA [1]
Location: Canyon Wipe - 11A-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-023	925021155-23	***No***	NVA [1]
Location: Canyon Wipe - 11B-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			

See Reporting notes on last page

PLM Bulk Asbestos Report

EO-526624

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
526624-024	925021155-24	***No***	NVA [1]
Location: Canyon Wipe - 12A-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-025	925021155-25	***No***	NVA [1]
Location: Canyon Wipe - 12B-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			
526624-026	925021155-26	***No***	NVA [1]
Location: Canyon Wipe - FB-02152025			by Thu M. Nguyen on 02/19/25
Analyst Description: White, Heterogeneous, Non-Fibrous, Wipe **Asbestos Types:** **Other Material:** NVA NAD			

Reporting Notes:

(1) Qualitative PLM result may not be reliable for soil, tape, dust or debris samples due to high variability in particle and aggregate size.

Analyzed by: Thu M. Nguyen
Date: 2/19/2025

Reviewed by: Lateef McIntosh

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
AmeriSci Los Angeles
24416 S. Main Street
Suite 308
Carson, CA 90745
ATTN: Sample Control
PO #: Required, to be sent via email

Enthalpy Order: EO-526624
PM: Patty Mata
Email: patty.mata@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Rush 2 day TAT
Report Level: II
Report To: RL
EDDs:

925021155.

Notes:
Wipe samples for PLM qualitative test on rush 2 day TAT.

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
CANYON WIPE-1A-02152025	15-FEB-2025 08:15	526624-001	1	Wipe	Asbestos by PLM	
CANYON WIPE-1B-02152025	15-FEB-2025 09:00	526624-002	1	Wipe	Asbestos by PLM	
CANYON WIPE-2A-02152025	15-FEB-2025 09:45	526624-003	1	Wipe	Asbestos by PLM	
CANYON WIPE-2B-0215202	15-FEB-2025 10:00	526624-004	1	Wipe	Asbestos by PLM	
CANYON WIPE-3A-02152025	15-FEB-2025 10:30	526624-005	1	Wipe	Asbestos by PLM	
CANYON WIPE-3B-02152025	15-FEB-2025 10:45	526624-006	1	Wipe	Asbestos by PLM	
DUP-1	15-FEB-2025 00:00	526624-007	1	Wipe	Asbestos by PLM	
CANYON WIPE-4A-02152025	15-FEB-2025 11:30	526624-008	1	Wipe	Asbestos by PLM	
CANYON WIPE-4B-02152025	15-FEB-2025 11:45	526624-009	1	Wipe	Asbestos by PLM	
CANYON WIPE-5A-02152025	15-FEB-2025 12:00	526624-010	1	Wipe	Asbestos by PLM	
CANYON WIPE-5B-02152025	15-FEB-2025 12:15	526624-011	1	Wipe	Asbestos by PLM	
DUP-2	15-FEB-2025 00:00	526624-012	1	Wipe	Asbestos by PLM	
CANYON WIPE-6A-02152025	15-FEB-2025 12:30	526624-013	1	Wipe	Asbestos by PLM	
CANYON WIPE-6B-02152025	15-FEB-2025 12:45	526624-014	1	Wipe	Asbestos by PLM	
CANYON WIPE-7A-02152025	15-FEB-2025 13:00	526624-015	1	Wipe	Asbestos by PLM	
CANYON WIPE-7B-02152025	15-FEB-2025 13:15	526624-016	1	Wipe	Asbestos by PLM	
CANYON WIPE-8-02152025	15-FEB-2025 13:45	526624-017	1	Wipe	Asbestos by PLM	
CANYON WIPE-9A-02152025	15-FEB-2025 14:00	526624-018	1	Wipe	Asbestos by PLM	
CANYON WIPE-9B-02152025	15-FEB-2025 14:15	526624-019	1	Wipe	Asbestos by PLM	
CANYON WIPE-10A-02152025	15-FEB-2025 14:30	526624-020	1	Wipe	Asbestos by PLM	
CANYON WIPE-10B-02152025	15-FEB-2025 14:45	526624-021	1	Wipe	Asbestos by PLM	
CANYON WIPE-11A-02152025	15-FEB-2025 15:30	526624-022	1	Wipe	Asbestos by PLM	
CANYON WIPE-11B-02152025	15-FEB-2025 16:00	526624-023	1	Wipe	Asbestos by PLM	
CANYON WIPE-12A-02152025	15-FEB-2025 16:15	526624-024	1	Wipe	Asbestos by PLM	
CANYON WIPE-12B-02152025	15-FEB-2025 16:30	526624-025	1	Wipe	Asbestos by PLM	
CANYON WIPE-FB-02152025	15-FEB-2025 00:00	526624-026	1	Wipe	Asbestos by PLM	

Notes:	Relinquished By:	Received By:
		BCM BAdellano
	Date: 2/18/25	Date: 2/18/25 0.1015
	Date:	Date:
	Date:	Date:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number	:	527233
Report Level	:	II
Report Date	:	03/14/2025
Revision	:	**2 (See narrative)**

Analytical Report *prepared for:*

Colin Campbell
TRC Solutions, Inc.
6 Executive Circle
Suite 200
Irvine, CA 92614

Project: LAUSD CANYON - LAUSD Canyon Charter 625687.0000.0000

Authorized for release by:

Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Colin Campbell
TRC Solutions, Inc.
6 Executive Circle
Suite 200
Irvine, CA 92614

Lab Job #:	527233
Project No:	LAUSD CANYON
Location:	LAUSD Canyon Charter 625687.0000.0000
Date Received:	02/24/25

Sample ID	Lab ID	Collected	Matrix
CANYON-AIR-1B-02222025	527233-001	02/22/25 08:53	Air
CANYON-AIR-OUTDOOR-B-02222025	527233-002	02/22/25 08:58	Air
CANYON-AIR-2B-02222025	527233-003	02/22/25 09:04	Air
DUP-B	527233-004	02/22/25 09:05	Air
CANYON-AIR-3B-02222025	527233-005	02/22/25 09:11	Air
CANYON-AIR-4B-02222025	527233-006	02/22/25 09:16	Air
CANYON-AIR-1C-02222025	527233-007	02/23/25 08:56	Air
CANYON-AIR-OUTDOOR-C-02222025	527233-008	02/23/25 08:59	Air
CANYON-AIR-2C-02222025	527233-009	02/23/25 09:07	Air
DUP-C	527233-010	02/23/25 09:08	Air
CANYON-AIR-3C-02222025	527233-011	02/23/25 09:14	Air
CANYON-AIR-4C-02222025	527233-012	02/23/25 09:17	Air
CANYON-AIR-1A-02222025	527233-013	02/23/25 09:11	Air
CANYON-AIR-OUTDOOR-A-02222025	527233-014	02/23/25 09:27	Air
CANYON-AIR-2A-02222025	527233-015	02/23/25 08:25	Air
DUP-A	527233-016	02/23/25 08:25	Air
CANYON-AIR-3A-02222025	527233-017	02/23/25 10:08	Air
CANYON-AIR-4A-02222025	527233-018	02/23/25 10:18	Air

Case Narrative

TRC Solutions, Inc. 6 Executive Circle Suite 200 Irvine, CA 92614 Colin Campbell	Lab Job Number: Project No: Location: Date Received:	527233 LAUSD CANYON LAUSD Canyon Charter 625687.0000.0000 02/24/25

- This data package contains sample and QC results for eighteen air samples, requested for the above referenced project on 02/24/25. The samples were received cold and intact.
- Revised report on 3/14/25 to include revised general notes in the TO-17 report.

Volatile Organics in Air by MS (EPA TO-15 SIM):
No analytical problems were encountered.

EPA TO-17 (EPA TO-17):
Enthalpy - Mt. Pleasant in Mt. Pleasant, MI performed the analysis (see sublab report section for certifications). Please see the Enthalpy - Mt. Pleasant case narrative.

EPA TO-17 (EPA TO-17):
Enthalpy - Mt. Pleasant in Mt. Pleasant, MI performed the analysis (see sublab report section for certifications). Please see the Enthalpy - Mt. Pleasant case narrative.

ENTHALPY ANALYTICAL

Instructions to assist filling out the COC are on the next tab

Air Chain of Custody Record

Request for Analysis

Lab Use Only

work order # 527233

lab name Enthalpy - Orange	**CUSTOMER INFORMATION**	**PROJECT INFORMATION**
address 931 W. Barkley Ave., Orange, CA 92868	company: TRC Solutions, Inc	project name: LAUSD Canyon Charter
phone Orange 714-771-6900	contact/ report to: Colin Campbell	submit invoice to
special instructions:	email: ccampbell@trccompanies.com	project #: 652687.0000.0000
	cc emails:	P.O. #:
	address: 707 Wilshire Blvd, Los Angeles, CA 90017	site name: LAUSD Canyon Charter
	phone: 213-310-1563	site state: California

custody seal intact? ☐ yes ☐ no ☐ none — PO #

on ice? ☐ yes ☐ no — temperature °C _____ — meets req.? ☐ yes ☐ no — preservation notes — Add. Notes

turnaround time request (pre-approval required for TAT less than standard. surcharges will apply)
☐ STANDARD ☐ 5 day ☐ 2 day ☐ 1 day ☑ other 3-day

data deliverable type: ☑ STANDARD ☐ other _____

EDD required (Y/N)?

EDD Format _____

units for reporting: ug/m3

retention requirements:

regulatory program, as applicable (i.e., CAA, CARB, etc.): ☐ compliance ☐ engineering

***matrix code:** **(A)** ambient, **(O)** other, **(H)** headspace, **(PM)** particulate matter, **(S)** stationary, **(V)** vapor, **(W)** worker

****container or media type:** **(B)** bag (tedlar), **(Bd)** badge, **(Bt)** bottle, **(C)** canister, **(F)** filter, **(O)** other, **(T)** tube, **(TD)** thermal desorption tube

	Sampling Information			Equipment Information				Start Sampling Information			Stop Sampling Information					Analysis Requested				Comments
	Sample ID	Matrix Code*	Sample Type	Container Type** (media type)	Container ID# (Media ID)	Flow Cont. #	Container Size	Date	Time	Initial Pressure ("Hg)	Date	Time	Final Pressure ("Hg)	Sampler Name	Final Volume	VOCs by TO-15 SIM	Fire List by TO-17	PAHs by TO-17		PUMP ID
1	CANYON-AIR-1B-02222025	Air		TUBE D.	AC095			02/22/2025	0653	—	02/22/2025	0853	—	PK/ze	24		X			HAC-C6640
2	CANYON-AIR-OUTDOOR-B-02222025	Air		TUBE D.	AF719			02/22/2025	0658	—	02/22/2025	0858	—	PK/ze	24		X			HAC-C6094
3	CANYON-AIR-2B-02222025	Air		TUBE D.	AG364			02/22/2025	0704	—	02/22/2025	0904	—	PK/ze	24		X			HAC-C5742
4	DUP-B	Air		TUBE D.	AJ996			02/22/2025	0705	—	02/22/2025	0905	—	PK/ze	24		X			HAC-C6705
5	CANYON-AIR-3B-02222025	Air		TUBE D.	AL835			02/22/2025	0711	—	02/22/2025	0911	—	PK/ze	24		X			HAC-C6790
6	CANYON-AIR-4B-02222025	Air		TUBE D.	AH136			02/22/2025	0716	—	02/22/2025	0916	—	PK/ze	24		X			HAC-C6307
7	CANYON-AIR-1C-02222025	Air		TUBE D.	AI521			02/22/2025	0856	—	02/23/2025	0856	—	PK/ze	280			X		HAC-C6640
8	CANYON-AIR-OUTDOOR-C-02222025	Air		TUBE D.	AH982			02/22/2025	0859	—	02/23/2025	0859	—	PK/ze	288			X		HAC-C6094
9	CANYON-AIR-2C-02222025	Air		TUBE D.	AM192			02/22/2025	0907	—	02/23/2025	0907	—	PK/ze	288			X		HAC-C5742
10	DUP-C	Air		TUBE D.	AC801			02/22/2025	0908	—	02/23/2025	0908	—	PK/ze	288			X		HAC-C6705
11	CANYON-AIR-3C-02222025	Air		TUBE D.	YY834			02/22/2025	0914	—	02/23/2025	0914	—	PK/ze	288			X		HAC-C6790
12	CANYON-AIR-4C-02222025	Air		TUBE D.	TT482			02/22/2025	0917	—	02/23/2025	0917	—	PK/ze	288			X		HAC-C6307
13																				
14																				
15																				

	note shipper, courier, and tracking # below	Signature	Print Name	Company / Title	Date (MM/DD/YY)	Time (24:00)
1	Relinquished By:		ZACH ELEVARIO	GEOLOGIST / TRC	02/24/2025	1115
	Received By:		JETH CO	ENTHALPY	02/24/25	11:16
2	Relinquished By:					
	Received By:					
3	Relinquished By:					
	Received By:					
4	Relinquished By:					
	Received By:					

Notes (include special conditions, possible hazards, etc.):

Field sampling conditions (notes)

☐ rain/snow during deployment/pick-up
☐ continuous rain during samp. period
☐ snow or melt during sampling period

Reset Form

ENTHALPY ANALYTICAL

Instructions to assist filling out the COC are on the next tab

Air Chain of Custody Record

Request for Analysis

Lab Use Only

work order # 527233

lab name Enthalpy - Orange	**CUSTOMER INFORMATION**	**PROJECT INFORMATION**
address 931 W. Barkley Ave., Orange, CA 92868	company: TRC Solutions, Inc	project name: LAUSD Canyon Charter
phone Orange 714-771-6900	contact/report to: Colin Campbell	submit invoice to
special instructions:	email: ccampbell@trccompanies.com	project #: 652687.0000.0000
	cc emails:	P.O. #:
	address: 707 Wilshire Blvd, Los Angeles, CA 90017	site name: LAUSD Canyon Charter
	phone: 213-310-1563	site state: California

custody seal intact? ☐ yes ☐ no ☐ none — PO #

on ice? ☐ yes ☐ no — Add. Notes

temperature °C _____

meets req.? ☐ yes ☐ no

preservation notes

turnaround time request (pre-approval required for TAT less than standard. surcharges will apply)
☐ STANDARD ☐ 5 day ☐ 2 day ☐ 1 day ☑ other 3-day

data deliverable type: ☑ STANDARD ☐ other _____

EDD required (Y/N)?

EDD Format _____

units for reporting: ug/m3

retention requirements:

regulatory program, as applicable (i.e., CAA, CARB, etc.): ☐ compliance ☐ engineering

***matrix code:** **(A)** ambient, **(O)** other, **(H)** headspace, **(PM)** particulate matter, **(S)** stationary, **(V)** vapor, **(W)** worker

****container or media type:** **(B)** bag (tedlar), **(Bd)** badge, **(Bt)** bottle, **(C)** canister, **(F)** filter, **(O)** other, **(T)** tube, **(TD)** thermal desorption tube

	Sampling Information			Equipment Information				Start Sampling Information			Stop Sampling Information					Analysis Requested				Comments
	Sample ID	Matrix Code*	Sample Type	Container Type** (media type)	Container ID# (Media ID)	Flow Cont. #	Container Size	Date	Time	Initial Pressure ("Hg)	Date	Time	Final Pressure ("Hg)	Sampler Name	Final Volume	VOCs by TO-15 SIM	Fire List by TO-17	PAHs by TO-17		
1	CANYON-AIR-1A-02222025	Air		SUMMA	C70203	A70269	6L	02/22/2025	0933	30	02/23/2025	911	2.0	PK/ZE		X				
2	CANYON-AIR-OUTDOOR-A-02222025	Air		SUMMA	C70160	A70241	6L	02/22/2025	0927	30	02/23/2025	0927	3.0	PK/ZE		X				
3	CANYON-AIR-2A-02222025	Air		SUMMA	C70127	A70463	6L	02/22/2025	0958	30	02/23/2025	0825	1.0	PK/ZE		X				
4	DUP-A	Air		SUMMA	C70183	A70466	6L	02/22/2025	0958	30	02/23/2025	0825	4.5	PK/ZE		X				
5	CANYON-AIR-3A-02222025	Air		SUMMA	C70126	A70286	6L	02/22/2025	1008	30	02/23/2025	1008	7.0	PK/ZE		X				
6	CANYON-AIR-4A-02222025	Air		SUMMA	C70093	A70279	6L	02/22/2025	1018	30	02/23/2025	1018	9.0	PK/ZE		X				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				

note shipper, courier, and tracking # below		Signature	Print Name	Company / Title	Date (MM/DD/YY)	Time (24:00)
1	Relinquished By:		ZACH ELEVARIO	GEOLOGIST / TRC	02/24/2025	1115
	Received By:		JETH CO	ENTHALPY	02/24/25	11:40
2	Relinquished By:					
	Received By:					
3	Relinquished By:					
	Received By:					
4	Relinquished By:					
	Received By:					

Notes (include special conditions, possible hazards, etc.):

Field sampling conditions (notes)

☐ rain/snow during deployment/pick-up

☐ continuous rain during samp. period

☐ snow or melt during sampling period

Reset Form

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 02/24/25 WO# 527233 Client: TRC SOLUTION

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☑ No

Custody seals intact on arrival? ☑ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ☑ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 02/24/25 By (initials) JKC Type of ice used: ☐ Wet ☐ Blue/Gel ☑ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☑ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____/_____ Thermometer/IR Gun: _____ CF: _____

Cooler Temp (°C) #1: _____/_____ #2: _____/_____ #3: _____/_____ #4: _____/_____ #5: _____/_____ #6: _____/_____

Section 3b: Microbiology Samples ☑ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☐ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☑ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☑ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	/		
2) Is the sampler's name present on the CoC?		/	
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	/		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			/
5) Were all of, and only, the correct samples received?	/		
6) Are sample labels present, legible, and in agreement with the CoC?	/		
7) Does the container count match the CoC?	/		
8) Was sufficient sample volume / mass received for the analyses requested?	/		
9) Were samples received in proper containers for the analyses requested?	/		
10) Were samples received with > 1/2 holding time remaining?	/		
11) Are samples properly preserved as indicated by CoC / labels?			/
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			/
13) Are VOA vials free from headspace/bubbles > 6mm?			/

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 02/24/25 **By (print)** JETH CO **(sign)** _____

Date Labeled 02/24/25 **By (print)** JETH CO **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 527233

Colin Campbell
TRC Solutions, Inc.
6 Executive Circle
Suite 200
Irvine, CA 92614

Lab Job #: 527233
Project No: LAUSD CANYON
Location: LAUSD Canyon Charter 625687.0000.0000
Date Received: 02/24/25

Sample ID:	Lab ID: 527233-013	Collected: 02/23/25 09:11
CANYON-AIR-1A-02222025	Matrix: Air	

527233-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,1,2,2-Tetrachloroethane	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,1,2,2-Tetrachloroethane	ND		ug/m3	0.069	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,1,1,2-Tetrachloroethane	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,1,1,2-Tetrachloroethane	ND		ug/m3	0.069	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Freon 12	**460**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Freon 12	**2.3**		ug/m3	0.049	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Chloromethane	**740**		pptv	100	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Chloromethane	**1.5**		ug/m3	0.21	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Freon 114	**18**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Freon 114	**0.13**		ug/m3	0.070	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Vinyl Chloride	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Vinyl Chloride	ND		ug/m3	0.026	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Bromomethane	**44**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Bromomethane	**0.17**		ug/m3	0.039	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Chloroethane	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Chloroethane	ND		ug/m3	0.026	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Vinyl bromide	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Vinyl bromide	ND		ug/m3	0.044	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Trichlorofluoromethane	**220**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Trichlorofluoromethane	**1.2**		ug/m3	0.056	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,1-Dichloroethene	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,1-Dichloroethene	ND		ug/m3	0.040	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Methylene Chloride	**180**		pptv	20	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Methylene Chloride	**0.63**		ug/m3	0.069	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Freon 113	**69**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Freon 113	**0.53**		ug/m3	0.077	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
trans-1,2-Dichloroethene	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
trans-1,2-Dichloroethene	ND		ug/m3	0.040	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,1-Dichloroethane	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,1-Dichloroethane	ND		ug/m3	0.040	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
cis-1,2-Dichloroethene	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
cis-1,2-Dichloroethene	ND		ug/m3	0.040	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Chloroform	**95**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Chloroform	**0.46**		ug/m3	0.049	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,2-Dichloroethane	**24**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,2-Dichloroethane	**0.098**		ug/m3	0.040	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,1,1-Trichloroethane	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,1,1-Trichloroethane	ND		ug/m3	0.055	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Benzene	**440**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Benzene	**1.4**		ug/m3	0.032	1	363943	02/25/25 06:07	02/25/25 06:07	OHD

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 527233

527233-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Carbon Tetrachloride	**86**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Carbon Tetrachloride	**0.54**		ug/m3	0.063	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,2-Dichloropropane	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,2-Dichloropropane	ND		ug/m3	0.046	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Bromodichloromethane	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Bromodichloromethane	ND		ug/m3	0.067	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Trichloroethene	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Trichloroethene	ND		ug/m3	0.054	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
cis-1,3-Dichloropropene	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
cis-1,3-Dichloropropene	ND		ug/m3	0.045	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
trans-1,3-Dichloropropene	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
trans-1,3-Dichloropropene	ND		ug/m3	0.045	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,1,2-Trichloroethane	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,1,2-Trichloroethane	ND		ug/m3	0.055	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Toluene	**840**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Toluene	**3.2**		ug/m3	0.038	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Dibromochloromethane	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Dibromochloromethane	ND		ug/m3	0.085	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,2-Dibromoethane	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,2-Dibromoethane	ND		ug/m3	0.077	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Tetrachloroethene	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Tetrachloroethene	ND		ug/m3	0.068	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Chlorobenzene	**10**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Chlorobenzene	**0.046**		ug/m3	0.046	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Ethylbenzene	**270**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Ethylbenzene	**1.2**		ug/m3	0.043	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
m,p-Xylenes	**420**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
m,p-Xylenes	**1.8**		ug/m3	0.043	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Bromoform	**12**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Bromoform	**0.12**		ug/m3	0.10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Styrene	**660**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Styrene	**2.8**		ug/m3	0.043	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
o-Xylene	**190**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
o-Xylene	**0.82**		ug/m3	0.043	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
2-Chlorotoluene	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
2-Chlorotoluene	ND		ug/m3	0.052	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,3,5-Trimethylbenzene	**22**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,3,5-Trimethylbenzene	**0.11**		ug/m3	0.049	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,2,4-Trimethylbenzene	**96**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,2,4-Trimethylbenzene	**0.47**		ug/m3	0.049	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Benzyl chloride	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Benzyl chloride	ND		ug/m3	0.052	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,3-Dichlorobenzene	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,3-Dichlorobenzene	ND		ug/m3	0.060	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,4-Dichlorobenzene	**140**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,4-Dichlorobenzene	**0.84**		ug/m3	0.060	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,2-Dichlorobenzene	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,2-Dichlorobenzene	ND		ug/m3	0.060	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,2,4-Trichlorobenzene	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
1,2,4-Trichlorobenzene	ND		ug/m3	0.074	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Hexachlorobutadiene	ND		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Hexachlorobutadiene	ND		ug/m3	0.11	1	363943	02/25/25 06:07	02/25/25 06:07	OHD

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 527233

527233-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Xylene (total)	**600**		pptv	10	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Xylene (total)	**2.6**		ug/m3	0.043	1	363943	02/25/25 06:07	02/25/25 06:07	OHD
Surrogates				**Limits**					
Bromofluorobenzene	115%		%REC	60-140	1	363943	02/25/25 06:07	02/25/25 06:07	OHD

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 527233

Sample ID:	Lab ID: 527233-014	Collected: 02/23/25 09:27
CANYON-AIR-OUTDOOR-A-02222025	Matrix: Air	

527233-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,1,2,2-Tetrachloroethane	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,1,2,2-Tetrachloroethane	ND		ug/m3	0.069	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,1,1,2-Tetrachloroethane	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,1,1,2-Tetrachloroethane	ND		ug/m3	0.069	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Freon 12	**460**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Freon 12	**2.3**		ug/m3	0.049	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Chloromethane	**690**		pptv	100	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Chloromethane	**1.4**		ug/m3	0.21	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Freon 114	**18**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Freon 114	**0.13**		ug/m3	0.070	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Vinyl Chloride	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Vinyl Chloride	ND		ug/m3	0.026	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Bromomethane	**51**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Bromomethane	**0.20**		ug/m3	0.039	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Chloroethane	**11**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Chloroethane	**0.029**		ug/m3	0.026	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Vinyl bromide	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Vinyl bromide	ND		ug/m3	0.044	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Trichlorofluoromethane	**220**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Trichlorofluoromethane	**1.2**		ug/m3	0.056	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,1-Dichloroethene	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,1-Dichloroethene	ND		ug/m3	0.040	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Methylene Chloride	**190**		pptv	20	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Methylene Chloride	**0.67**		ug/m3	0.069	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Freon 113	**69**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Freon 113	**0.53**		ug/m3	0.077	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
trans-1,2-Dichloroethene	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
trans-1,2-Dichloroethene	ND		ug/m3	0.040	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,1-Dichloroethane	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,1-Dichloroethane	ND		ug/m3	0.040	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
cis-1,2-Dichloroethene	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
cis-1,2-Dichloroethene	ND		ug/m3	0.040	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Chloroform	**91**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Chloroform	**0.45**		ug/m3	0.049	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,2-Dichloroethane	**17**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,2-Dichloroethane	**0.070**		ug/m3	0.040	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,1,1-Trichloroethane	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,1,1-Trichloroethane	ND		ug/m3	0.055	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Benzene	**230**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Benzene	**0.74**		ug/m3	0.032	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Carbon Tetrachloride	**80**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Carbon Tetrachloride	**0.50**		ug/m3	0.063	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,2-Dichloropropane	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,2-Dichloropropane	ND		ug/m3	0.046	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Bromodichloromethane	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 527233

527233-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromodichloromethane	ND		ug/m3	0.067	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Trichloroethene	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Trichloroethene	ND		ug/m3	0.054	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
cis-1,3-Dichloropropene	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
cis-1,3-Dichloropropene	ND		ug/m3	0.045	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
trans-1,3-Dichloropropene	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
trans-1,3-Dichloropropene	ND		ug/m3	0.045	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,1,2-Trichloroethane	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,1,2-Trichloroethane	ND		ug/m3	0.055	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Toluene	**390**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Toluene	**1.5**		ug/m3	0.038	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Dibromochloromethane	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Dibromochloromethane	ND		ug/m3	0.085	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,2-Dibromoethane	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,2-Dibromoethane	ND		ug/m3	0.077	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Tetrachloroethene	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Tetrachloroethene	ND		ug/m3	0.068	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Chlorobenzene	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Chlorobenzene	ND		ug/m3	0.046	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Ethylbenzene	**71**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Ethylbenzene	**0.31**		ug/m3	0.043	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
m,p-Xylenes	**220**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
m,p-Xylenes	**0.96**		ug/m3	0.043	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Bromoform	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Bromoform	ND		ug/m3	0.10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Styrene	**20**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Styrene	**0.087**		ug/m3	0.043	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
o-Xylene	**110**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
o-Xylene	**0.46**		ug/m3	0.043	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
2-Chlorotoluene	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
2-Chlorotoluene	ND		ug/m3	0.052	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,3,5-Trimethylbenzene	**12**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,3,5-Trimethylbenzene	**0.060**		ug/m3	0.049	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,2,4-Trimethylbenzene	**54**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,2,4-Trimethylbenzene	**0.26**		ug/m3	0.049	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Benzyl chloride	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Benzyl chloride	ND		ug/m3	0.052	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,3-Dichlorobenzene	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,3-Dichlorobenzene	ND		ug/m3	0.060	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,4-Dichlorobenzene	**19**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,4-Dichlorobenzene	**0.12**		ug/m3	0.060	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,2-Dichlorobenzene	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,2-Dichlorobenzene	ND		ug/m3	0.060	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,2,4-Trichlorobenzene	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
1,2,4-Trichlorobenzene	ND		ug/m3	0.074	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Hexachlorobutadiene	ND		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Hexachlorobutadiene	ND		ug/m3	0.11	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Xylene (total)	**330**		pptv	10	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Xylene (total)	**1.4**		ug/m3	0.043	1	363943	02/24/25 18:46	02/24/25 18:46	OHD
Surrogates				**Limits**					
Bromofluorobenzene	103%		%REC	60-140	1	363943	02/24/25 18:46	02/24/25 18:46	OHD

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 527233

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 527233

Sample ID:	Lab ID: 527233-015	Collected: 02/23/25 08:25
CANYON-AIR-2A-02222025	Matrix: Air	

527233-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,1,2,2-Tetrachloroethane	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,1,2,2-Tetrachloroethane	ND		ug/m3	0.069	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,1,1,2-Tetrachloroethane	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,1,1,2-Tetrachloroethane	ND		ug/m3	0.069	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Freon 12	**470**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Freon 12	**2.3**		ug/m3	0.049	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Chloromethane	**680**		pptv	100	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Chloromethane	**1.4**		ug/m3	0.21	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Freon 114	**18**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Freon 114	**0.13**		ug/m3	0.070	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Vinyl Chloride	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Vinyl Chloride	ND		ug/m3	0.026	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Bromomethane	**50**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Bromomethane	**0.20**		ug/m3	0.039	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Chloroethane	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Chloroethane	ND		ug/m3	0.026	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Vinyl bromide	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Vinyl bromide	ND		ug/m3	0.044	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Trichlorofluoromethane	**220**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Trichlorofluoromethane	**1.3**		ug/m3	0.056	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,1-Dichloroethene	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,1-Dichloroethene	ND		ug/m3	0.040	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Methylene Chloride	**200**		pptv	20	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Methylene Chloride	**0.69**		ug/m3	0.069	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Freon 113	**70**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Freon 113	**0.54**		ug/m3	0.077	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
trans-1,2-Dichloroethene	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
trans-1,2-Dichloroethene	ND		ug/m3	0.040	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,1-Dichloroethane	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,1-Dichloroethane	ND		ug/m3	0.040	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
cis-1,2-Dichloroethene	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
cis-1,2-Dichloroethene	ND		ug/m3	0.040	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Chloroform	**92**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Chloroform	**0.45**		ug/m3	0.049	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,2-Dichloroethane	**19**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,2-Dichloroethane	**0.077**		ug/m3	0.040	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,1,1-Trichloroethane	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,1,1-Trichloroethane	ND		ug/m3	0.055	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Benzene	**340**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Benzene	**1.1**		ug/m3	0.032	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Carbon Tetrachloride	**85**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Carbon Tetrachloride	**0.53**		ug/m3	0.063	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,2-Dichloropropane	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,2-Dichloropropane	ND		ug/m3	0.046	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Bromodichloromethane	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 527233

527233-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromodichloromethane	ND		ug/m3	0.067	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Trichloroethene	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Trichloroethene	ND		ug/m3	0.054	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
cis-1,3-Dichloropropene	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
cis-1,3-Dichloropropene	ND		ug/m3	0.045	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
trans-1,3-Dichloropropene	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
trans-1,3-Dichloropropene	ND		ug/m3	0.045	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,1,2-Trichloroethane	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,1,2-Trichloroethane	ND		ug/m3	0.055	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Toluene	**590**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Toluene	**2.2**		ug/m3	0.038	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Dibromochloromethane	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Dibromochloromethane	ND		ug/m3	0.085	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,2-Dibromoethane	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,2-Dibromoethane	ND		ug/m3	0.077	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Tetrachloroethene	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Tetrachloroethene	ND		ug/m3	0.068	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Chlorobenzene	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Chlorobenzene	ND		ug/m3	0.046	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Ethylbenzene	**110**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Ethylbenzene	**0.46**		ug/m3	0.043	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
m,p-Xylenes	**320**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
m,p-Xylenes	**1.4**		ug/m3	0.043	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Bromoform	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Bromoform	ND		ug/m3	0.10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Styrene	**32**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Styrene	**0.14**		ug/m3	0.043	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
o-Xylene	**130**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
o-Xylene	**0.58**		ug/m3	0.043	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
2-Chlorotoluene	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
2-Chlorotoluene	ND		ug/m3	0.052	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,3,5-Trimethylbenzene	**16**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,3,5-Trimethylbenzene	**0.077**		ug/m3	0.049	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,2,4-Trimethylbenzene	**82**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,2,4-Trimethylbenzene	**0.41**		ug/m3	0.049	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Benzyl chloride	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Benzyl chloride	ND		ug/m3	0.052	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,3-Dichlorobenzene	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,3-Dichlorobenzene	ND		ug/m3	0.060	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,4-Dichlorobenzene	**27**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,4-Dichlorobenzene	**0.16**		ug/m3	0.060	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,2-Dichlorobenzene	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,2-Dichlorobenzene	ND		ug/m3	0.060	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,2,4-Trichlorobenzene	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
1,2,4-Trichlorobenzene	ND		ug/m3	0.074	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Hexachlorobutadiene	ND		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Hexachlorobutadiene	ND		ug/m3	0.11	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Xylene (total)	**450**		pptv	10	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Xylene (total)	**2.0**		ug/m3	0.043	1	363943	02/24/25 19:35	02/24/25 19:35	OHD
Surrogates				**Limits**					
Bromofluorobenzene	104%		%REC	60-140	1	363943	02/24/25 19:35	02/24/25 19:35	OHD

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 527233

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 527233

Sample ID: DUP-A	Lab ID: 527233-016	Collected: 02/23/25 08:25
	Matrix: Air	

527233-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,1,2,2-Tetrachloroethane	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,1,2,2-Tetrachloroethane	ND		ug/m3	0.069	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,1,1,2-Tetrachloroethane	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,1,1,2-Tetrachloroethane	ND		ug/m3	0.069	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Freon 12	**470**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Freon 12	**2.3**		ug/m3	0.049	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Chloromethane	**690**		pptv	100	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Chloromethane	**1.4**		ug/m3	0.21	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Freon 114	**19**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Freon 114	**0.13**		ug/m3	0.070	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Vinyl Chloride	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Vinyl Chloride	ND		ug/m3	0.026	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Bromomethane	**53**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Bromomethane	**0.21**		ug/m3	0.039	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Chloroethane	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Chloroethane	ND		ug/m3	0.026	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Vinyl bromide	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Vinyl bromide	ND		ug/m3	0.044	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Trichlorofluoromethane	**220**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Trichlorofluoromethane	**1.3**		ug/m3	0.056	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,1-Dichloroethene	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,1-Dichloroethene	ND		ug/m3	0.040	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Methylene Chloride	**200**		pptv	20	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Methylene Chloride	**0.68**		ug/m3	0.069	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Freon 113	**71**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Freon 113	**0.55**		ug/m3	0.077	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
trans-1,2-Dichloroethene	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
trans-1,2-Dichloroethene	ND		ug/m3	0.040	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,1-Dichloroethane	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,1-Dichloroethane	ND		ug/m3	0.040	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
cis-1,2-Dichloroethene	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
cis-1,2-Dichloroethene	ND		ug/m3	0.040	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Chloroform	**96**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Chloroform	**0.47**		ug/m3	0.049	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,2-Dichloroethane	**19**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,2-Dichloroethane	**0.077**		ug/m3	0.040	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,1,1-Trichloroethane	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,1,1-Trichloroethane	ND		ug/m3	0.055	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Benzene	**320**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Benzene	**1.0**		ug/m3	0.032	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Carbon Tetrachloride	**85**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Carbon Tetrachloride	**0.54**		ug/m3	0.063	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,2-Dichloropropane	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,2-Dichloropropane	ND		ug/m3	0.046	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Bromodichloromethane	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 527233

527233-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromodichloromethane	ND		ug/m3	0.067	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Trichloroethene	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Trichloroethene	ND		ug/m3	0.054	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
cis-1,3-Dichloropropene	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
cis-1,3-Dichloropropene	ND		ug/m3	0.045	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
trans-1,3-Dichloropropene	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
trans-1,3-Dichloropropene	ND		ug/m3	0.045	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,1,2-Trichloroethane	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,1,2-Trichloroethane	ND		ug/m3	0.055	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Toluene	**540**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Toluene	**2.0**		ug/m3	0.038	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Dibromochloromethane	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Dibromochloromethane	ND		ug/m3	0.085	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,2-Dibromoethane	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,2-Dibromoethane	ND		ug/m3	0.077	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Tetrachloroethene	**26**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Tetrachloroethene	**0.18**		ug/m3	0.068	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Chlorobenzene	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Chlorobenzene	ND		ug/m3	0.046	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Ethylbenzene	**97**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Ethylbenzene	**0.42**		ug/m3	0.043	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
m,p-Xylenes	**290**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
m,p-Xylenes	**1.2**		ug/m3	0.043	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Bromoform	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Bromoform	ND		ug/m3	0.10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Styrene	**32**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Styrene	**0.13**		ug/m3	0.043	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
o-Xylene	**120**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
o-Xylene	**0.52**		ug/m3	0.043	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
2-Chlorotoluene	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
2-Chlorotoluene	ND		ug/m3	0.052	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,3,5-Trimethylbenzene	**15**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,3,5-Trimethylbenzene	**0.073**		ug/m3	0.049	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,2,4-Trimethylbenzene	**94**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,2,4-Trimethylbenzene	**0.46**		ug/m3	0.049	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Benzyl chloride	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Benzyl chloride	ND		ug/m3	0.052	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,3-Dichlorobenzene	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,3-Dichlorobenzene	ND		ug/m3	0.060	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,4-Dichlorobenzene	**26**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,4-Dichlorobenzene	**0.16**		ug/m3	0.060	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,2-Dichlorobenzene	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,2-Dichlorobenzene	ND		ug/m3	0.060	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,2,4-Trichlorobenzene	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
1,2,4-Trichlorobenzene	ND		ug/m3	0.074	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Hexachlorobutadiene	ND		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Hexachlorobutadiene	ND		ug/m3	0.11	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Xylene (total)	**400**		pptv	10	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Xylene (total)	**1.8**		ug/m3	0.043	1	363943	02/24/25 20:23	02/24/25 20:23	OHD
Surrogates				**Limits**					
Bromofluorobenzene	103%		%REC	60-140	1	363943	02/24/25 20:23	02/24/25 20:23	OHD

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 527233

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 527233

Sample ID:	Lab ID: 527233-017	Collected: 02/23/25 10:08
CANYON-AIR-3A-02222025	Matrix: Air	

527233-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,1,2,2-Tetrachloroethane	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,1,2,2-Tetrachloroethane	ND		ug/m3	0.069	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,1,1,2-Tetrachloroethane	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,1,1,2-Tetrachloroethane	ND		ug/m3	0.069	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Freon 12	**470**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Freon 12	**2.3**		ug/m3	0.049	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Chloromethane	**690**		pptv	100	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Chloromethane	**1.4**		ug/m3	0.21	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Freon 114	**19**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Freon 114	**0.13**		ug/m3	0.070	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Vinyl Chloride	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Vinyl Chloride	ND		ug/m3	0.026	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Bromomethane	**50**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Bromomethane	**0.19**		ug/m3	0.039	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Chloroethane	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Chloroethane	ND		ug/m3	0.026	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Vinyl bromide	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Vinyl bromide	ND		ug/m3	0.044	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Trichlorofluoromethane	**220**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Trichlorofluoromethane	**1.2**		ug/m3	0.056	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,1-Dichloroethene	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,1-Dichloroethene	ND		ug/m3	0.040	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Methylene Chloride	**200**		pptv	20	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Methylene Chloride	**0.71**		ug/m3	0.069	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Freon 113	**70**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Freon 113	**0.54**		ug/m3	0.077	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
trans-1,2-Dichloroethene	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
trans-1,2-Dichloroethene	ND		ug/m3	0.040	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,1-Dichloroethane	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,1-Dichloroethane	ND		ug/m3	0.040	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
cis-1,2-Dichloroethene	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
cis-1,2-Dichloroethene	ND		ug/m3	0.040	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Chloroform	**88**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Chloroform	**0.43**		ug/m3	0.049	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,2-Dichloroethane	**27**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,2-Dichloroethane	**0.11**		ug/m3	0.040	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,1,1-Trichloroethane	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,1,1-Trichloroethane	ND		ug/m3	0.055	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Benzene	**310**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Benzene	**0.98**		ug/m3	0.032	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Carbon Tetrachloride	**85**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Carbon Tetrachloride	**0.53**		ug/m3	0.063	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,2-Dichloropropane	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,2-Dichloropropane	ND		ug/m3	0.046	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Bromodichloromethane	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 527233

527233-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromodichloromethane	ND		ug/m3	0.067	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Trichloroethene	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Trichloroethene	ND		ug/m3	0.054	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
cis-1,3-Dichloropropene	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
cis-1,3-Dichloropropene	ND		ug/m3	0.045	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
trans-1,3-Dichloropropene	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
trans-1,3-Dichloropropene	ND		ug/m3	0.045	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,1,2-Trichloroethane	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,1,2-Trichloroethane	ND		ug/m3	0.055	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Toluene	**650**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Toluene	**2.4**		ug/m3	0.038	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Dibromochloromethane	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Dibromochloromethane	ND		ug/m3	0.085	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,2-Dibromoethane	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,2-Dibromoethane	ND		ug/m3	0.077	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Tetrachloroethene	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Tetrachloroethene	ND		ug/m3	0.068	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Chlorobenzene	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Chlorobenzene	ND		ug/m3	0.046	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Ethylbenzene	**170**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Ethylbenzene	**0.72**		ug/m3	0.043	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
m,p-Xylenes	**470**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
m,p-Xylenes	**2.1**		ug/m3	0.043	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Bromoform	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Bromoform	ND		ug/m3	0.10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Styrene	**360**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Styrene	**1.5**		ug/m3	0.043	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
o-Xylene	**200**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
o-Xylene	**0.88**		ug/m3	0.043	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
2-Chlorotoluene	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
2-Chlorotoluene	ND		ug/m3	0.052	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,3,5-Trimethylbenzene	**17**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,3,5-Trimethylbenzene	**0.084**		ug/m3	0.049	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,2,4-Trimethylbenzene	**81**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,2,4-Trimethylbenzene	**0.40**		ug/m3	0.049	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Benzyl chloride	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Benzyl chloride	ND		ug/m3	0.052	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,3-Dichlorobenzene	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,3-Dichlorobenzene	ND		ug/m3	0.060	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,4-Dichlorobenzene	**23**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,4-Dichlorobenzene	**0.14**		ug/m3	0.060	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,2-Dichlorobenzene	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,2-Dichlorobenzene	ND		ug/m3	0.060	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,2,4-Trichlorobenzene	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
1,2,4-Trichlorobenzene	ND		ug/m3	0.074	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Hexachlorobutadiene	ND		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Hexachlorobutadiene	ND		ug/m3	0.11	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Xylene (total)	**680**		pptv	10	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Xylene (total)	**2.9**		ug/m3	0.043	1	363943	02/24/25 21:12	02/24/25 21:12	OHD
Surrogates				**Limits**					
Bromofluorobenzene	109%		%REC	60-140	1	363943	02/24/25 21:12	02/24/25 21:12	OHD

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 527233

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 527233

Sample ID:	Lab ID: 527233-018	Collected: 02/23/25 10:18
CANYON-AIR-4A-02222025	Matrix: Air	

527233-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,1,2,2-Tetrachloroethane	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,1,2,2-Tetrachloroethane	ND		ug/m3	0.076	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,1,1,2-Tetrachloroethane	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,1,1,2-Tetrachloroethane	ND		ug/m3	0.076	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Freon 12	**460**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Freon 12	**2.3**		ug/m3	0.054	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Chloromethane	**680**		pptv	110	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Chloromethane	**1.4**		ug/m3	0.23	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Freon 114	**19**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Freon 114	**0.13**		ug/m3	0.077	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Vinyl Chloride	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Vinyl Chloride	ND		ug/m3	0.028	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Bromomethane	**59**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Bromomethane	**0.23**		ug/m3	0.043	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Chloroethane	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Chloroethane	ND		ug/m3	0.029	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Vinyl bromide	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Vinyl bromide	ND		ug/m3	0.048	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Trichlorofluoromethane	**220**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Trichlorofluoromethane	**1.2**		ug/m3	0.062	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,1-Dichloroethene	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,1-Dichloroethene	ND		ug/m3	0.044	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Methylene Chloride	**400**		pptv	22	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Methylene Chloride	**1.4**		ug/m3	0.076	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Freon 113	**70**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Freon 113	**0.54**		ug/m3	0.084	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
trans-1,2-Dichloroethene	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
trans-1,2-Dichloroethene	ND		ug/m3	0.044	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,1-Dichloroethane	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,1-Dichloroethane	ND		ug/m3	0.045	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
cis-1,2-Dichloroethene	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
cis-1,2-Dichloroethene	ND		ug/m3	0.044	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Chloroform	**400**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Chloroform	**2.0**		ug/m3	0.054	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,2-Dichloroethane	**20**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,2-Dichloroethane	**0.081**		ug/m3	0.045	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,1,1-Trichloroethane	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,1,1-Trichloroethane	ND		ug/m3	0.060	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Benzene	**250**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Benzene	**0.80**		ug/m3	0.035	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Carbon Tetrachloride	**89**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Carbon Tetrachloride	**0.56**		ug/m3	0.069	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,2-Dichloropropane	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,2-Dichloropropane	ND		ug/m3	0.051	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Bromodichloromethane	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 527233

527233-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromodichloromethane	ND		ug/m3	0.074	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Trichloroethene	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Trichloroethene	ND		ug/m3	0.059	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
cis-1,3-Dichloropropene	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
cis-1,3-Dichloropropene	ND		ug/m3	0.050	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
trans-1,3-Dichloropropene	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
trans-1,3-Dichloropropene	ND		ug/m3	0.050	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,1,2-Trichloroethane	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,1,2-Trichloroethane	ND		ug/m3	0.060	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Toluene	**650**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Toluene	**2.4**		ug/m3	0.041	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Dibromochloromethane	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Dibromochloromethane	ND		ug/m3	0.094	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,2-Dibromoethane	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,2-Dibromoethane	ND		ug/m3	0.085	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Tetrachloroethene	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Tetrachloroethene	ND		ug/m3	0.075	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Chlorobenzene	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Chlorobenzene	ND		ug/m3	0.051	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Ethylbenzene	**110**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Ethylbenzene	**0.49**		ug/m3	0.048	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
m,p-Xylenes	**290**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
m,p-Xylenes	**1.2**		ug/m3	0.048	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Bromoform	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Bromoform	ND		ug/m3	0.11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Styrene	**60**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Styrene	**0.25**		ug/m3	0.047	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
o-Xylene	**110**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
o-Xylene	**0.49**		ug/m3	0.048	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
2-Chlorotoluene	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
2-Chlorotoluene	ND		ug/m3	0.057	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,3,5-Trimethylbenzene	**13**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,3,5-Trimethylbenzene	**0.062**		ug/m3	0.054	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,2,4-Trimethylbenzene	**59**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,2,4-Trimethylbenzene	**0.29**		ug/m3	0.054	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Benzyl chloride	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Benzyl chloride	ND		ug/m3	0.057	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,3-Dichlorobenzene	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,3-Dichlorobenzene	ND		ug/m3	0.066	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,4-Dichlorobenzene	**22**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,4-Dichlorobenzene	**0.13**		ug/m3	0.066	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,2-Dichlorobenzene	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,2-Dichlorobenzene	ND		ug/m3	0.066	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,2,4-Trichlorobenzene	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
1,2,4-Trichlorobenzene	ND		ug/m3	0.082	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Hexachlorobutadiene	ND		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Hexachlorobutadiene	ND		ug/m3	0.12	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Xylene (total)	**400**		pptv	11	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Xylene (total)	**1.7**		ug/m3	0.048	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD
Surrogates				**Limits**					
Bromofluorobenzene	102%		%REC	60-140	1.1	363943	02/24/25 22:01	02/24/25 22:01	OHD

Results for any subcontracted analyses are not included in this section.

Analysis Results for 527233

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1232401**	**Batch:**	**363943**
Matrix:	**Air**	**Method:**	**EPA TO-15 SIM**	**Prep Method:**	**METHOD**

QC1232401 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1,2,2-Tetrachloroethane	204.8	200.0	pptv	102%		70-130
1,1,1,2-Tetrachloroethane	196.2	200.0	pptv	98%		70-130
Freon 12	182.2	200.0	pptv	91%		70-130
Chloromethane	195.6	200.0	pptv	98%		70-130
Freon 114	211.1	200.0	pptv	106%		70-130
Vinyl Chloride	197.6	200.0	pptv	99%		70-130
Bromomethane	205.8	200.0	pptv	103%		70-130
Chloroethane	199.4	200.0	pptv	100%		70-130
Vinyl bromide	223.6	200.0	pptv	112%		70-130
Trichlorofluoromethane	206.0	200.0	pptv	103%		70-130
1,1-Dichloroethene	229.6	200.0	pptv	115%		70-130
Methylene Chloride	199.3	200.0	pptv	100%		70-130
Freon 113	215.6	200.0	pptv	108%		70-130
trans-1,2-Dichloroethene	216.3	200.0	pptv	108%		70-130
1,1-Dichloroethane	214.3	200.0	pptv	107%		70-130
cis-1,2-Dichloroethene	221.3	200.0	pptv	111%		70-130
Chloroform	214.3	200.0	pptv	107%		70-130
1,2-Dichloroethane	203.5	200.0	pptv	102%		70-130
1,1,1-Trichloroethane	224.1	200.0	pptv	112%		70-130
Benzene	230.5	200.0	pptv	115%		70-130
Carbon Tetrachloride	223.0	200.0	pptv	112%		70-130
1,2-Dichloropropane	173.6	200.0	pptv	87%		70-130
Bromodichloromethane	167.3	200.0	pptv	84%		70-130
Trichloroethene	186.7	200.0	pptv	93%		70-130
cis-1,3-Dichloropropene	193.8	200.0	pptv	97%		70-130
trans-1,3-Dichloropropene	189.8	200.0	pptv	95%		70-130
1,1,2-Trichloroethane	169.4	200.0	pptv	85%		70-130
Toluene	191.9	200.0	pptv	96%		70-130
Dibromochloromethane	181.4	200.0	pptv	91%		70-130
1,2-Dibromoethane	187.9	200.0	pptv	94%		70-130
Tetrachloroethene	192.8	200.0	pptv	96%		70-130
Chlorobenzene	220.6	200.0	pptv	110%		70-130
Ethylbenzene	220.1	200.0	pptv	110%		70-130
m,p-Xylenes	455.3	400.0	pptv	114%		70-130
Bromoform	232.2	200.0	pptv	116%		70-130
Styrene	238.8	200.0	pptv	119%		70-130
o-Xylene	241.0	200.0	pptv	120%		70-130
2-Chlorotoluene	238.8	200.0	pptv	119%		70-130
1,3,5-Trimethylbenzene	239.0	200.0	pptv	119%		70-130
1,2,4-Trimethylbenzene	230.9	200.0	pptv	115%		70-130
Benzyl chloride	224.1	200.0	pptv	112%		70-130
1,3-Dichlorobenzene	247.9	200.0	pptv	124%		70-130
1,4-Dichlorobenzene	234.2	200.0	pptv	117%		70-130
1,2-Dichlorobenzene	235.6	200.0	pptv	118%		70-130
1,2,4-Trichlorobenzene	203.9	200.0	pptv	102%		70-130
Hexachlorobutadiene	194.6	200.0	pptv	97%		70-130
Surrogates						

ENTHALPY ANALYTICAL

Batch QC

QC1232401 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Bromofluorobenzene	305.2	250.0	pptv	122%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1232402**	**Batch:**	**363943**
Matrix:	**Air**	**Method:**	**EPA TO-15 SIM**	**Prep Method:**	**METHOD**

QC1232402 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1,2,2-Tetrachloroethane	205.5	200.0	pptv	103%		70-130	0	25
1,1,1,2-Tetrachloroethane	196.4	200.0	pptv	98%		70-130	0	25
Freon 12	188.2	200.0	pptv	94%		70-130	3	25
Chloromethane	200.6	200.0	pptv	100%		70-130	3	25
Freon 114	216.2	200.0	pptv	108%		70-130	2	25
Vinyl Chloride	201.2	200.0	pptv	101%		70-130	2	25
Bromomethane	209.4	200.0	pptv	105%		70-130	2	25
Chloroethane	202.3	200.0	pptv	101%		70-130	1	25
Vinyl bromide	227.5	200.0	pptv	114%		70-130	2	25
Trichlorofluoromethane	209.1	200.0	pptv	105%		70-130	2	25
1,1-Dichloroethene	233.5	200.0	pptv	117%		70-130	2	25
Methylene Chloride	202.7	200.0	pptv	101%		70-130	2	25
Freon 113	218.6	200.0	pptv	109%		70-130	1	25
trans-1,2-Dichloroethene	220.3	200.0	pptv	110%		70-130	2	25
1,1-Dichloroethane	217.1	200.0	pptv	109%		70-130	1	25
cis-1,2-Dichloroethene	223.7	200.0	pptv	112%		70-130	1	25
Chloroform	215.6	200.0	pptv	108%		70-130	1	25
1,2-Dichloroethane	206.3	200.0	pptv	103%		70-130	1	25
1,1,1-Trichloroethane	224.2	200.0	pptv	112%		70-130	0	25
Benzene	232.1	200.0	pptv	116%		70-130	1	25
Carbon Tetrachloride	224.9	200.0	pptv	112%		70-130	1	25
1,2-Dichloropropane	172.8	200.0	pptv	86%		70-130	0	25
Bromodichloromethane	166.0	200.0	pptv	83%		70-130	1	25
Trichloroethene	187.4	200.0	pptv	94%		70-130	0	25
cis-1,3-Dichloropropene	192.2	200.0	pptv	96%		70-130	1	25
trans-1,3-Dichloropropene	187.4	200.0	pptv	94%		70-130	1	25
1,1,2-Trichloroethane	168.1	200.0	pptv	84%		70-130	1	25
Toluene	190.6	200.0	pptv	95%		70-130	1	25
Dibromochloromethane	180.0	200.0	pptv	90%		70-130	1	25
1,2-Dibromoethane	185.5	200.0	pptv	93%		70-130	1	25
Tetrachloroethene	190.9	200.0	pptv	95%		70-130	1	25
Chlorobenzene	222.7	200.0	pptv	111%		70-130	1	25
Ethylbenzene	222.5	200.0	pptv	111%		70-130	1	25
m,p-Xylenes	459.9	400.0	pptv	115%		70-130	1	25
Bromoform	233.7	200.0	pptv	117%		70-130	1	25
Styrene	242.1	200.0	pptv	121%		70-130	1	25
o-Xylene	245.5	200.0	pptv	123%		70-130	2	25
2-Chlorotoluene	242.2	200.0	pptv	121%		70-130	1	25
1,3,5-Trimethylbenzene	241.6	200.0	pptv	121%		70-130	1	25
1,2,4-Trimethylbenzene	234.0	200.0	pptv	117%		70-130	1	25
Benzyl chloride	223.6	200.0	pptv	112%		70-130	0	25
1,3-Dichlorobenzene	248.7	200.0	pptv	124%		70-130	0	25
1,4-Dichlorobenzene	241.8	200.0	pptv	121%		70-130	3	25
1,2-Dichlorobenzene	238.8	200.0	pptv	119%		70-130	1	25
1,2,4-Trichlorobenzene	211.4	200.0	pptv	106%		70-130	4	25
Hexachlorobutadiene	196.5	200.0	pptv	98%		70-130	1	25

ENTHALPY ANALYTICAL

Batch QC

QC1232402 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Surrogates								
Bromofluorobenzene	307.1	250.0	pptv	123%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1232403**	**Batch:**	**363943**
Matrix:	**Air**	**Method:**	**EPA TO-15 SIM**	**Prep Method:**	**METHOD**

QC1232403 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,1,1,2-Tetrachloroethane	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Freon 12	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Chloromethane	ND		pptv	100	02/24/25 11:40	02/24/25 11:40
Freon 114	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Vinyl Chloride	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Bromomethane	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Chloroethane	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Vinyl bromide	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Trichlorofluoromethane	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,1-Dichloroethene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Methylene Chloride	ND		pptv	20	02/24/25 11:40	02/24/25 11:40
Freon 113	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
trans-1,2-Dichloroethene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,1-Dichloroethane	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
cis-1,2-Dichloroethene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Chloroform	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,2-Dichloroethane	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,1,1-Trichloroethane	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Benzene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Carbon Tetrachloride	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,2-Dichloropropane	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Bromodichloromethane	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Trichloroethene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
cis-1,3-Dichloropropene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
trans-1,3-Dichloropropene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,1,2-Trichloroethane	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Toluene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Dibromochloromethane	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,2-Dibromoethane	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Tetrachloroethene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Chlorobenzene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Ethylbenzene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
m,p-Xylenes	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Bromoform	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Styrene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
o-Xylene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
2-Chlorotoluene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,3,5-Trimethylbenzene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,2,4-Trimethylbenzene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Benzyl chloride	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,3-Dichlorobenzene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,4-Dichlorobenzene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,2-Dichlorobenzene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
1,2,4-Trichlorobenzene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Hexachlorobutadiene	ND		pptv	10	02/24/25 11:40	02/24/25 11:40
Xylene (total)	ND		pptv	10	02/24/25 11:40	02/24/25 11:40

Batch QC

QC1232403 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Surrogates				**Limits**		
Bromofluorobenzene	94%		%REC	70-130	02/24/25 11:40	02/24/25 11:40

ND Not Detected

Laboratory Job Number 527233

Subcontracted Products

Enthalpy - Mt. Pleasant

2625 Denison Drive
Mt. Pleasant, MI 48858
989-772-5088
www.enthalpy.com

March 14, 2025

Lab Job Number : 117761

Report Level : II

Report Date : 03/14/2025

Analytical Report *prepared for:*

C/O Patty Mata

TRC Solutions Inc.

707 Wilshire Blvd. Los Angeles, CA 90017

Project: LAUSD Canyon Charter

ENTHALPY ANALYTICAL
formerly *Prism Analytical Technologies*

Analytical Report

Reissued
03/14/2025

Client:	Enthalpy Analytical, LLC 931 W Barkley Ave Orange, CA 92868
Sampled By:	Patty Mata
Project:	LAUSD Canyon Charter 527233
Location:	- -
Client Sample ID:	Canyon Air 1B
Volume:	24 L
Date Sampled:	02/22/2025
Sample Type:	TDT AC095
Sample Condition:	Acceptable

COC:	**117761**
Laboratory ID:	**117761-1**
Received Date:	02/25/2025
Approved Date:	02/25/2025
Scanned Date:	02/25/2025
Report Date:	02/28/2025

A2-MS Fire TDT Analysis

Primary and Secondary Fire/Smoke indicators are listed below. Secondary indicators may have significant additional sources or insufficient instrument response. Results reported semiquantitatively are determined based on an internal standard ratio only. Results displayed in order of decreasing volatility as indicated by the Retention Index (RI). Applicable methods for this analytical technique include (with relevant modifications) NIOSH 2549, US EPA TO-17, and ISO 16000-6.

General Notes

The results below indicate that fire and/or smoke residue was not present in this sample based on the pattern of Fire VOC indicators and their concentrations.

Primary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
o-Cresol	95-48-7	< 0.2	0.2	1111	
2-Methoxyphenol	90-05-1	< 0.2	0.2	1121	Guaicol
m,p-Cresol	108-39-4 & 106-44-5	< 0.4	0.4	1136	
Creosol	93-51-6	< 0.2	0.2	1219	
4-Ethyl-2-methoxyphenol	2785-89-9	< 0.4	0.4	1305	4-Ethylguaicol
Acenaphthylene	208-96-8	< 0.2	0.2	1534	

Secondary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
Acrolein	107-02-8	< 0.8	0.8	502	Reported Semiquantitatively
Acetonitrile	75-05-8	< 0.4	0.4	528	
2-Furaldehyde	98-01-1	< 0.8	0.8	869	Furfural
Salicylaldehyde	90-02-8	< 0.2	0.2	1083	

Secondary Fire Indicators		Concentration	Reporting Limit		
Compound	**CAS**	**µg/m3**	**µg/m3**	**RI**	**Additional Information**
2,4-Dimethylphenol	105-67-9	< 0.2	0.2	1194	
Naphthalene	91-20-3	< 0.2	0.2	1222	
2-Methylnaphthalene	91-57-6	< 0.2	0.2	1337	
Biphenyl	92-52-4	< 0.8	0.8	1412	Reported Semiquantiatively
Methylbiphenyl	N/A	< 0.8	0.8	1528	Cannot determine isomer; Reported Semiquantitatively

These results pertain only to this sample as it was collected and to the items reported.
These results have been reviewed and approved by the Laboratory Director or authorized representative.

Alice E. Delia, Ph.D., Laboratory Director

Enthalpy Analytical, LLC (MTP)
2625 Denison Dr.
Mt. Pleasant, MI 48858
989-772-5088

ENTHALPY ANALYTICAL
formerly *Prism Analytical Technologies*

Analytical Report

Reissued
03/14/2025

Client:	Enthalpy Analytical, LLC 931 W Barkley Ave Orange, CA 92868
Sampled By:	Patty Mata
Project:	LAUSD Canyon Charter 527233
Location:	- -
Client Sample ID:	Canyon Air Outdoor B
Volume:	24 L
Date Sampled:	02/22/2025
Sample Type:	TDT AF719
Sample Condition:	Acceptable

COC:	**117761**
Laboratory ID:	**117761-2**
Received Date:	02/25/2025
Approved Date:	02/25/2025
Scanned Date:	02/25/2025
Report Date:	02/28/2025

A2-MS Fire TDT Analysis

Primary and Secondary Fire/Smoke indicators are listed below. Secondary indicators may have significant additional sources or insufficient instrument response. Results reported semiquantitatively are determined based on an internal standard ratio only. Results displayed in order of decreasing volatility as indicated by the Retention Index (RI). Applicable methods for this analytical technique include (with relevant modifications) NIOSH 2549, US EPA TO-17, and ISO 16000-6.

General Notes

The results below indicate that fire and/or smoke residue was not present in this sample based on the pattern of Fire VOC indicators and their concentrations.

Primary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
o-Cresol	95-48-7	< 0.2	0.2	1111	
2-Methoxyphenol	90-05-1	< 0.2	0.2	1121	Guaicol
m,p-Cresol	108-39-4 & 106-44-5	< 0.4	0.4	1136	
Creosol	93-51-6	< 0.2	0.2	1219	
4-Ethyl-2-methoxyphenol	2785-89-9	< 0.4	0.4	1305	4-Ethylguaicol
Acenaphthylene	208-96-8	< 0.2	0.2	1534	

Secondary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
Acrolein	107-02-8	< 0.8	0.8	502	Reported Semiquantitatively
Acetonitrile	75-05-8	< 0.4	0.4	528	
2-Furaldehyde	98-01-1	< 0.8	0.8	869	Furfural
Salicylaldehyde	90-02-8	< 0.2	0.2	1083	

Secondary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
2,4-Dimethylphenol	105-67-9	< 0.2	0.2	1194	
Naphthalene	91-20-3	< 0.2	0.2	1222	
2-Methylnaphthalene	91-57-6	< 0.2	0.2	1337	
Biphenyl	92-52-4	< 0.8	0.8	1412	Reported Semiquantiatively
Methylbiphenyl	N/A	< 0.8	0.8	1528	Cannot determine isomer; Reported Semiquantitatively

These results pertain only to this sample as it was collected and to the items reported.
These results have been reviewed and approved by the Laboratory Director or authorized representative.

Alice E. Delia, Ph.D., Laboratory Director

Enthalpy Analytical, LLC (MTP)
2625 Denison Dr.
Mt. Pleasant, MI 48858
989-772-5088

ENTHALPY ANALYTICAL
formerly *Prism Analytical Technologies*

Analytical Report

Reissued
03/14/2025

Client:	Enthalpy Analytical, LLC 931 W Barkley Ave Orange, CA 92868
Sampled By:	Patty Mata
Project:	LAUSD Canyon Charter 527233
Location:	- -
Client Sample ID:	Canyon Air 2B
Volume:	24 L
Date Sampled:	02/22/2025
Sample Type:	TDT AG364
Sample Condition:	Acceptable

COC:	**117761**
Laboratory ID:	**117761-3**
Received Date:	02/25/2025
Approved Date:	02/25/2025
Scanned Date:	02/25/2025
Report Date:	02/28/2025

A2-MS Fire TDT Analysis

Primary and Secondary Fire/Smoke indicators are listed below. Secondary indicators may have significant additional sources or insufficient instrument response. Results reported semiquantitatively are determined based on an internal standard ratio only. Results displayed in order of decreasing volatility as indicated by the Retention Index (RI). Applicable methods for this analytical technique include (with relevant modifications) NIOSH 2549, US EPA TO-17, and ISO 16000-6.

General Notes

The results below indicate that fire and/or smoke residue was not present in this sample based on the pattern of Fire VOC indicators and their concentrations.

Primary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
o-Cresol	95-48-7	< 0.2	0.2	1111	
2-Methoxyphenol	90-05-1	< 0.2	0.2	1121	Guaicol
m,p-Cresol	108-39-4 & 106-44-5	< 0.4	0.4	1136	
Creosol	93-51-6	< 0.2	0.2	1219	
4-Ethyl-2-methoxyphenol	2785-89-9	< 0.4	0.4	1305	4-Ethylguaicol
Acenaphthylene	208-96-8	< 0.2	0.2	1534	

Secondary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
Acrolein	107-02-8	< 0.8	0.8	502	Reported Semiquantitatively
Acetonitrile	75-05-8	< 0.4	0.4	528	
2-Furaldehyde	98-01-1	< 0.8	0.8	869	Furfural
Salicylaldehyde	90-02-8	< 0.2	0.2	1083	

Secondary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
2,4-Dimethylphenol	105-67-9	< 0.2	0.2	1194	
Naphthalene	91-20-3	< 0.2	0.2	1222	
2-Methylnaphthalene	91-57-6	< 0.2	0.2	1337	
Biphenyl	92-52-4	< 0.8	0.8	1412	Reported Semiquantiatively
Methylbiphenyl	N/A	< 0.8	0.8	1528	Cannot determine isomer; Reported Semiquantitatively

These results pertain only to this sample as it was collected and to the items reported.
These results have been reviewed and approved by the Laboratory Director or authorized representative.

Alice E. Delia, Ph.D., Laboratory Director

Enthalpy Analytical, LLC (MTP)
2625 Denison Dr.
Mt. Pleasant, MI 48858
989-772-5088

ENTHALPY ANALYTICAL
formerly *Prism Analytical Technologies*

Analytical Report

Reissued
03/14/2025

Client:	Enthalpy Analytical, LLC 931 W Barkley Ave Orange, CA 92868
Sampled By:	Patty Mata
Project:	LAUSD Canyon Charter 527233
Location:	- -
Client Sample ID:	Dup B
Volume:	24 L
Date Sampled:	02/22/2025
Sample Type:	TDT AJ996
Sample Condition:	Acceptable

COC:	**117761**
Laboratory ID:	**117761-4**
Received Date:	02/25/2025
Approved Date:	02/25/2025
Scanned Date:	02/25/2025
Report Date:	02/28/2025

A2-MS Fire TDT Analysis

Primary and Secondary Fire/Smoke indicators are listed below. Secondary indicators may have significant additional sources or insufficient instrument response. Results reported semiquantitatively are determined based on an internal standard ratio only. Results displayed in order of decreasing volatility as indicated by the Retention Index (RI). Applicable methods for this analytical technique include (with relevant modifications) NIOSH 2549, US EPA TO-17, and ISO 16000-6.

General Notes

The results below indicate that fire and/or smoke residue was not present in this sample based on the pattern of Fire VOC indicators and their concentrations.

Primary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
o-Cresol	95-48-7	< 0.2	0.2	1111	
2-Methoxyphenol	90-05-1	< 0.2	0.2	1121	Guaicol
m,p-Cresol	108-39-4 & 106-44-5	< 0.4	0.4	1136	
Creosol	93-51-6	< 0.2	0.2	1219	
4-Ethyl-2-methoxyphenol	2785-89-9	< 0.4	0.4	1305	4-Ethylguaicol
Acenaphthylene	208-96-8	< 0.2	0.2	1534	

Secondary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
Acrolein	107-02-8	< 0.8	0.8	502	Reported Semiquantitatively
Acetonitrile	75-05-8	< 0.4	0.4	528	
2-Furaldehyde	98-01-1	< 0.8	0.8	869	Furfural
Salicylaldehyde	90-02-8	< 0.2	0.2	1083	

Secondary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
2,4-Dimethylphenol	105-67-9	< 0.2	0.2	1194	
Naphthalene	91-20-3	< 0.2	0.2	1222	
2-Methylnaphthalene	91-57-6	< 0.2	0.2	1337	
Biphenyl	92-52-4	< 0.8	0.8	1412	Reported Semiquantiatively
Methylbiphenyl	N/A	< 0.8	0.8	1528	Cannot determine isomer; Reported Semiquantitatively

These results pertain only to this sample as it was collected and to the items reported.
These results have been reviewed and approved by the Laboratory Director or authorized representative.

Alice E. Delia, Ph.D., Laboratory Director

Enthalpy Analytical, LLC (MTP)
2625 Denison Dr.
Mt. Pleasant, MI 48858
989-772-5088

ENTHALPY ANALYTICAL
formerly *Prism Analytical Technologies*

Analytical Report

Reissued
03/14/2025

Client:	Enthalpy Analytical, LLC 931 W Barkley Ave Orange, CA 92868
Sampled By:	Patty Mata
Project:	LAUSD Canyon Charter 527233
Location:	- -
Client Sample ID:	Canyon Air 3B
Volume:	24 L
Date Sampled:	02/22/2025
Sample Type:	TDT AL835
Sample Condition:	Acceptable

COC:	**117761**
Laboratory ID:	**117761-5**
Received Date:	02/25/2025
Approved Date:	02/25/2025
Scanned Date:	02/25/2025
Report Date:	02/28/2025

A2-MS Fire TDT Analysis

Primary and Secondary Fire/Smoke indicators are listed below. Secondary indicators may have significant additional sources or insufficient instrument response. Results reported semiquantitatively are determined based on an internal standard ratio only. Results displayed in order of decreasing volatility as indicated by the Retention Index (RI). Applicable methods for this analytical technique include (with relevant modifications) NIOSH 2549, US EPA TO-17, and ISO 16000-6.

General Notes

The results below indicate that fire and/or smoke residue was not present in this sample based on the pattern of Fire VOC indicators and their concentrations.

Primary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
o-Cresol	95-48-7	< 0.2	0.2	1111	
2-Methoxyphenol	90-05-1	< 0.2	0.2	1121	Guaicol
m,p-Cresol	108-39-4 & 106-44-5	< 0.4	0.4	1136	
Creosol	93-51-6	< 0.2	0.2	1219	
4-Ethyl-2-methoxyphenol	2785-89-9	< 0.4	0.4	1305	4-Ethylguaicol
Acenaphthylene	208-96-8	< 0.2	0.2	1534	

Secondary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
Acrolein	107-02-8	< 0.8	0.8	502	Reported Semiquantitatively
Acetonitrile	75-05-8	< 0.4	0.4	528	
2-Furaldehyde	98-01-1	1.3	0.8	869	Furfural
Salicylaldehyde	90-02-8	< 0.2	0.2	1083	

Secondary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
2,4-Dimethylphenol	105-67-9	< 0.2	0.2	1194	
Naphthalene	91-20-3	< 0.2	0.2	1222	
2-Methylnaphthalene	91-57-6	< 0.2	0.2	1337	
Biphenyl	92-52-4	< 0.8	0.8	1412	Reported Semiquantiatively
Methylbiphenyl	N/A	< 0.8	0.8	1528	Cannot determine isomer; Reported Semiquantitatively

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These results have been reviewed and approved by the Laboratory Director or authorized representative.

Alice E. Delia, Ph.D., Laboratory Director

Enthalpy Analytical, LLC (MTP)
2625 Denison Dr.
Mt. Pleasant, MI 48858
989-772-5088

ENTHALPY ANALYTICAL
formerly *Prism Analytical Technologies*

Analytical Report

Reissued
03/14/2025

Client:	Enthalpy Analytical, LLC 931 W Barkley Ave Orange, CA 92868
Sampled By:	Patty Mata
Project:	LAUSD Canyon Charter 527233
Location:	- -
Client Sample ID:	Canyon Air 4B
Volume:	24 L
Date Sampled:	02/22/2025
Sample Type:	TDT AH136
Sample Condition:	Acceptable

COC:	**117761**
Laboratory ID:	**117761-6**
Received Date:	02/25/2025
Approved Date:	02/25/2025
Scanned Date:	02/25/2025
Report Date:	02/28/2025

A2-MS Fire TDT Analysis

Primary and Secondary Fire/Smoke indicators are listed below. Secondary indicators may have significant additional sources or insufficient instrument response. Results reported semiquantitatively are determined based on an internal standard ratio only. Results displayed in order of decreasing volatility as indicated by the Retention Index (RI). Applicable methods for this analytical technique include (with relevant modifications) NIOSH 2549, US EPA TO-17, and ISO 16000-6.

General Notes

The results below indicate that fire and/or smoke residue was not present in this sample based on the pattern of Fire VOC indicators and their concentrations.

Primary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
o-Cresol	95-48-7	< 0.2	0.2	1111	
2-Methoxyphenol	90-05-1	< 0.2	0.2	1121	Guaicol
m,p-Cresol	108-39-4 & 106-44-5	< 0.4	0.4	1136	
Creosol	93-51-6	< 0.2	0.2	1219	
4-Ethyl-2-methoxyphenol	2785-89-9	< 0.4	0.4	1305	4-Ethylguaicol
Acenaphthylene	208-96-8	< 0.2	0.2	1534	

Secondary Fire Indicators

Compound	CAS	Concentration µg/m3	Reporting Limit µg/m3	RI	Additional Information
Acrolein	107-02-8	< 0.8	0.8	502	Reported Semiquantitatively
Acetonitrile	75-05-8	< 0.4	0.4	528	
2-Furaldehyde	98-01-1	< 0.8	0.8	869	Furfural
Salicylaldehyde	90-02-8	< 0.2	0.2	1083	

Secondary Fire Indicators		Concentration	Reporting Limit		
Compound	**CAS**	**µg/m3**	**µg/m3**	**RI**	**Additional Information**
2,4-Dimethylphenol	105-67-9	< 0.2	0.2	1194	
Naphthalene	91-20-3	< 0.2	0.2	1222	
2-Methylnaphthalene	91-57-6	< 0.2	0.2	1337	
Biphenyl	92-52-4	< 0.8	0.8	1412	Reported Semiquantiatively
Methylbiphenyl	N/A	< 0.8	0.8	1528	Cannot determine isomer; Reported Semiquantitatively

These results pertain only to this sample as it was collected and to the items reported.
These results have been reviewed and approved by the Laboratory Director or authorized representative.

Alice E. Delia, Ph.D., Laboratory Director

Enthalpy Analytical, LLC (MTP)
2625 Denison Dr.
Mt. Pleasant, MI 48858
989-772-5088

ENTHALPY ANALYTICAL

Quality Control Report

Check Standard (CCV)

Instrument Data

Instrument:	GCMS - T6	QC File ID:	ChCHK_FIRE_100
Instrument Date:	2/25/2025	Date Scanned:	2/25/2025 9:39
Analyst:	AG	Date Analyzed:	2/25/2025
		Media ID:	A2 (KK304)

Surrogate Recovery

	Amount (ng)	Nominal Amount (ng)	% Rec	QC Flag
Toluene-d8	50.5	50.0	101%	PASS

Analyte Result

Injection QC Flag PASS

AIMS ID	Compound Name	Est RT	Amount (ng)	Nom (ng)	% Rec	QC Flag
904	Furfural	21.20	102.285	100	102%	PASS
933	Salicylaldehyde	26.19	104.627	100	105%	PASS
398	o-Cresol	26.65	101.678	100	102%	PASS
489	2-Methoxyphenol	26.80	101.909	100	102%	PASS
934	m,p-Cresol	27.02	199.440	200	100%	PASS
932	2,4-Dimethylphenol	27.79	98.299	100	98%	PASS
931	Creosol	28.12	95.793	100	96%	PASS
930	4-Ethylguaiacol	29.16	83.384	100	83%	PASS
598	Acenaphthylene	32.11	92.372	100	92%	PASS

Sequence Name: *T6_02252025_a*
Instrument Method: *T6_02032025_HTAS_STD*
Processing Method: *T6_FIRE_02242025_cal_02242025_MR*

ENTHALPY ANALYTICAL

Quality Control Report

Blank

Instrument Data

Instrument:	GCMS - T6	QC File ID:	ChBlk
Instrument Date:	2/25/2025	Date Scanned:	2/25/2025 12:40
Analyst:	AG	Date Analyzed:	2/25/2025
		Media ID:	A2 (HH366)

Surrogate Recovery

	Amount (ng)	Nominal Amount (ng)	% Rec	QC Flag
Phenanthrene-d10	51.3	50.0	103%	PASS

Analyte Result

QC Flag **PASS**

AIMS ID	Compound Name	Est RT	Amount (ng)	< RL
904	Furfural	21.20	ND	
933	Salicylaldehyde	26.19	ND	
398	o-Cresol	26.65	ND	
489	2-Methoxyphenol	26.80	ND	
934	m,p-Cresol	27.02	ND	
932	2,4-Dimethylphenol	27.79	ND	
931	Creosol	28.12	ND	
930	4-Ethylguaiacol	29.16	ND	
598	Acenaphthylene	32.11	ND	

Sequence Name: *T6_02252025_a*
Instrument Method: *T6_02032025_HTAS_STD*
Processing Method: *T6_FIRE_02242025_cal_02242025_MR*

ENTHALPY ANALYTICAL
formerly *Prism Analytical Technologies*

Analytical Report

Client: Enthalpy Analytical, LLC
931 W Barkley Ave
Orange, CA 92868

Sampled By: Patty Mata
Project: LAUSD Canyon Charter 527233
Location: -
-

Client Sample ID: Canyon Air 1C
Volume: 288 L
Date Sampled: 02/22/2025
Sample Type: TDT AI521
Sample Condition: Acceptable

COC: 117761
Laboratory ID: 117761-7

Received Date: 02/25/2025
Approved Date: 02/25/2025
Scanned Date: 02/25/2025
Report Date: 02/28/2025

PAH Analysis

Applicable methods for this analytical technique include (with relevant modifications) US EPA TO17 and ISO 16000-6.

		Sample Concentration		Reporting Limit	
Compound	**CAS**	**µg/m3**	**ppb**	**µg/m3**	**Additional Information**
Naphthalene	91-20-3	**0.1**	**0.02**	0.02	
Acenaphthylene	208-96-8	< 0.02	< 0.003	0.02	
Acenaphthene	83-32-9	< 0.02	< 0.003	0.02	
Fluorene	86-73-7	< 0.02	< 0.003	0.02	
Anthracene	120-12-7	< 0.02	< 0.002	0.02	
Phenanthrene	85-01-8	< 0.02	< 0.002	0.02	
Fluoranthene	206-44-0	< 0.02	< 0.002	0.02	
Pyrene	129-00-0	< 0.02	< 0.002	0.02	
Benzo[a]anthracene	56-55-3	< 0.03	< 0.004	0.03	
Chrysene	218-01-9	< 0.03	< 0.004	0.03	
Benzo[b]fluoranthene	205-99-2	< 0.03	< 0.003	0.03	
Benzo[k]fluoranthene	207-08-9	< 0.03	< 0.003	0.03	
Benzo[a]pyrene	50-32-8	< 0.03	< 0.003	0.03	
Indeno[1,2,3-c,d]pyrene	193-39-5	< 0.2	< 0.02	0.2	
Dibenzo[a,h]anthracene	53-70-3	< 0.2	< 0.02	0.2	
Benzo[g,h,i]perylene	191-24-2	< 0.2	< 0.02	0.2	

These results pertain only to this sample as it was collected and to the items reported.
These results have been reviewed and approved by the Laboratory Director or authorized representative.

Alice E. Delia, Ph.D., Laboratory Director

Enthalpy Analytical, LLC (MTP)
2625 Denison Dr.
Mt. Pleasant, MI 48858
989-772-5088

Enthalpy Analytical-MTP (ID 166272) is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene accreditation program for GC-MS Field of Testing as documented by the Scope of Accreditation Certificate and associated Scope.

ENTHALPY ANALYTICAL
formerly *Prism Analytical Technologies*

Analytical Report

Client: Enthalpy Analytical, LLC
931 W Barkley Ave
Orange, CA 92868

Sampled By: Patty Mata
Project: LAUSD Canyon Charter 527233
Location: -
-

Client Sample ID: Canyon Air Outdoor C
Volume: 288 L
Date Sampled: 02/22/2025
Sample Type: TDT AH982
Sample Condition: Acceptable

COC: 117761
Laboratory ID: 117761-8

Received Date: 02/25/2025
Approved Date: 02/25/2025
Scanned Date: 02/25/2025
Report Date: 02/28/2025

PAH Analysis

Applicable methods for this analytical technique include (with relevant modifications) US EPA TO17 and ISO 16000-6.

		Sample Concentration		Reporting Limit	
Compound	**CAS**	**µg/m3**	**ppb**	**µg/m3**	**Additional Information**
Naphthalene	91-20-3	**0.06**	**0.01**	0.02	
Acenaphthylene	208-96-8	< 0.02	< 0.003	0.02	
Acenaphthene	83-32-9	< 0.02	< 0.003	0.02	
Fluorene	86-73-7	< 0.02	< 0.003	0.02	
Anthracene	120-12-7	< 0.02	< 0.002	0.02	
Phenanthrene	85-01-8	< 0.02	< 0.002	0.02	
Fluoranthene	206-44-0	< 0.02	< 0.002	0.02	
Pyrene	129-00-0	< 0.02	< 0.002	0.02	
Benzo[a]anthracene	56-55-3	< 0.03	< 0.004	0.03	
Chrysene	218-01-9	< 0.03	< 0.004	0.03	
Benzo[b]fluoranthene	205-99-2	< 0.03	< 0.003	0.03	
Benzo[k]fluoranthene	207-08-9	< 0.03	< 0.003	0.03	
Benzo[a]pyrene	50-32-8	< 0.03	< 0.003	0.03	
Indeno[1,2,3-c,d]pyrene	193-39-5	< 0.2	< 0.02	0.2	
Dibenzo[a,h]anthracene	53-70-3	< 0.2	< 0.02	0.2	
Benzo[g,h,i]perylene	191-24-2	< 0.2	< 0.02	0.2	

These results pertain only to this sample as it was collected and to the items reported.
These results have been reviewed and approved by the Laboratory Director or authorized representative.

Alice E. Delia, Ph.D., Laboratory Director

Enthalpy Analytical, LLC (MTP)
2625 Denison Dr.
Mt. Pleasant, MI 48858
989-772-5088

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ENTHALPY ANALYTICAL
formerly *Prism Analytical Technologies*

Analytical Report

Client: Enthalpy Analytical, LLC
931 W Barkley Ave
Orange, CA 92868

Sampled By: Patty Mata
Project: LAUSD Canyon Charter 527233
Location: -
-

Client Sample ID: Canyon Air 2C
Volume: 288 L
Date Sampled: 02/22/2025
Sample Type: TDT AM192
Sample Condition: Acceptable

COC: 117761
Laboratory ID: 117761-9

Received Date: 02/25/2025
Approved Date: 02/25/2025
Scanned Date: 02/25/2025
Report Date: 02/28/2025

PAH Analysis

Applicable methods for this analytical technique include (with relevant modifications) US EPA TO17 and ISO 16000-6.

		Sample Concentration		Reporting Limit	
Compound	**CAS**	**µg/m3**	**ppb**	**µg/m3**	**Additional Information**
Naphthalene	91-20-3	**0.07**	**0.01**	0.02	
Acenaphthylene	208-96-8	< 0.02	< 0.003	0.02	
Acenaphthene	83-32-9	< 0.02	< 0.003	0.02	
Fluorene	86-73-7	< 0.02	< 0.003	0.02	
Anthracene	120-12-7	< 0.02	< 0.002	0.02	
Phenanthrene	85-01-8	< 0.02	< 0.002	0.02	
Fluoranthene	206-44-0	< 0.02	< 0.002	0.02	
Pyrene	129-00-0	< 0.02	< 0.002	0.02	
Benzo[a]anthracene	56-55-3	< 0.03	< 0.004	0.03	
Chrysene	218-01-9	< 0.03	< 0.004	0.03	
Benzo[b]fluoranthene	205-99-2	< 0.03	< 0.003	0.03	
Benzo[k]fluoranthene	207-08-9	< 0.03	< 0.003	0.03	
Benzo[a]pyrene	50-32-8	< 0.03	< 0.003	0.03	
Indeno[1,2,3-c,d]pyrene	193-39-5	< 0.2	< 0.02	0.2	
Dibenzo[a,h]anthracene	53-70-3	< 0.2	< 0.02	0.2	
Benzo[g,h,i]perylene	191-24-2	< 0.2	< 0.02	0.2	

These results pertain only to this sample as it was collected and to the items reported.
These results have been reviewed and approved by the Laboratory Director or authorized representative.

Alice E. Delia, Ph.D., Laboratory Director

Enthalpy Analytical, LLC (MTP)
2625 Denison Dr.
Mt. Pleasant, MI 48858
989-772-5088

Enthalpy Analytical-MTP (ID 166272) is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene accreditation program for GC-MS Field of Testing as documented by the Scope of Accreditation Certificate and associated Scope.

ENTHALPY ANALYTICAL
formerly *Prism Analytical Technologies*

Analytical Report

Client: Enthalpy Analytical, LLC
931 W Barkley Ave
Orange, CA 92868

Sampled By: Patty Mata
Project: LAUSD Canyon Charter 527233
Location: -
-

Client Sample ID: Dup C
Volume: 288 L
Date Sampled: 02/22/2025
Sample Type: TDT AC801
Sample Condition: Acceptable

COC: 117761
Laboratory ID: 117761-10

Received Date: 02/25/2025
Approved Date: 02/25/2025
Scanned Date: 02/25/2025
Report Date: 02/28/2025

PAH Analysis

Applicable methods for this analytical technique include (with relevant modifications) US EPA TO17 and ISO 16000-6.

		Sample Concentration		Reporting Limit	
Compound	**CAS**	**µg/m3**	**ppb**	**µg/m3**	**Additional Information**
Naphthalene	91-20-3	**0.06**	**0.01**	0.02	
Acenaphthylene	208-96-8	< 0.02	< 0.003	0.02	
Acenaphthene	83-32-9	< 0.02	< 0.003	0.02	
Fluorene	86-73-7	< 0.02	< 0.003	0.02	
Anthracene	120-12-7	< 0.02	< 0.002	0.02	
Phenanthrene	85-01-8	< 0.02	< 0.002	0.02	
Fluoranthene	206-44-0	< 0.02	< 0.002	0.02	
Pyrene	129-00-0	< 0.02	< 0.002	0.02	
Benzo[a]anthracene	56-55-3	< 0.03	< 0.004	0.03	
Chrysene	218-01-9	< 0.03	< 0.004	0.03	
Benzo[b]fluoranthene	205-99-2	< 0.03	< 0.003	0.03	
Benzo[k]fluoranthene	207-08-9	< 0.03	< 0.003	0.03	
Benzo[a]pyrene	50-32-8	< 0.03	< 0.003	0.03	
Indeno[1,2,3-c,d]pyrene	193-39-5	< 0.2	< 0.02	0.2	
Dibenzo[a,h]anthracene	53-70-3	< 0.2	< 0.02	0.2	
Benzo[g,h,i]perylene	191-24-2	< 0.2	< 0.02	0.2	

These results pertain only to this sample as it was collected and to the items reported.
These results have been reviewed and approved by the Laboratory Director or authorized representative.

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2625 Denison Dr.
Mt. Pleasant, MI 48858
989-772-5088

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ENTHALPY ANALYTICAL
formerly *Prism Analytical Technologies*

Analytical Report

Client: Enthalpy Analytical, LLC
931 W Barkley Ave
Orange, CA 92868

Sampled By: Patty Mata
Project: LAUSD Canyon Charter 527233
Location: -
-

Client Sample ID: Canyon Air 3C
Volume: 288 L
Date Sampled: 02/22/2025
Sample Type: TDT YY834
Sample Condition: Acceptable

COC: 117761
Laboratory ID: 117761-11

Received Date: 02/25/2025
Approved Date: 02/25/2025
Scanned Date: 02/25/2025
Report Date: 02/28/2025

PAH Analysis

Applicable methods for this analytical technique include (with relevant modifications) US EPA TO17 and ISO 16000-6.

		Sample Concentration		Reporting Limit	
Compound	**CAS**	**µg/m3**	**ppb**	**µg/m3**	**Additional Information**
Naphthalene	91-20-3	**0.06**	**0.01**	0.02	
Acenaphthylene	208-96-8	< 0.02	< 0.003	0.02	
Acenaphthene	83-32-9	< 0.02	< 0.003	0.02	
Fluorene	86-73-7	< 0.02	< 0.003	0.02	
Anthracene	120-12-7	< 0.02	< 0.002	0.02	
Phenanthrene	85-01-8	< 0.02	< 0.002	0.02	
Fluoranthene	206-44-0	< 0.02	< 0.002	0.02	
Pyrene	129-00-0	< 0.02	< 0.002	0.02	
Benzo[a]anthracene	56-55-3	< 0.03	< 0.004	0.03	
Chrysene	218-01-9	< 0.03	< 0.004	0.03	
Benzo[b]fluoranthene	205-99-2	< 0.03	< 0.003	0.03	
Benzo[k]fluoranthene	207-08-9	< 0.03	< 0.003	0.03	
Benzo[a]pyrene	50-32-8	< 0.03	< 0.003	0.03	
Indeno[1,2,3-c,d]pyrene	193-39-5	< 0.2	< 0.02	0.2	
Dibenzo[a,h]anthracene	53-70-3	< 0.2	< 0.02	0.2	
Benzo[g,h,i]perylene	191-24-2	< 0.2	< 0.02	0.2	

These results pertain only to this sample as it was collected and to the items reported.
These results have been reviewed and approved by the Laboratory Director or authorized representative.

Alice E. Delia, Ph.D., Laboratory Director

Enthalpy Analytical, LLC (MTP)
2625 Denison Dr.
Mt. Pleasant, MI 48858
989-772-5088

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ENTHALPY ANALYTICAL
formerly *Prism Analytical Technologies*

Analytical Report

Client: Enthalpy Analytical, LLC
931 W Barkley Ave
Orange, CA 92868

Sampled By: Patty Mata
Project: LAUSD Canyon Charter 527233
Location: -
-

Client Sample ID: Canyon Air 4C
Volume: 288 L
Date Sampled: 02/22/2025
Sample Type: TDT TT482
Sample Condition: Acceptable

COC: 117761
Laboratory ID: 117761-12

Received Date: 02/25/2025
Approved Date: 02/25/2025
Scanned Date: 02/25/2025
Report Date: 02/28/2025

PAH Analysis

Applicable methods for this analytical technique include (with relevant modifications) US EPA TO17 and ISO 16000-6.

		Sample Concentration		Reporting Limit	
Compound	**CAS**	**µg/m3**	**ppb**	**µg/m3**	**Additional Information**
Naphthalene	91-20-3	**0.05**	**0.01**	0.02	
Acenaphthylene	208-96-8	< 0.02	< 0.003	0.02	
Acenaphthene	83-32-9	< 0.02	< 0.003	0.02	
Fluorene	86-73-7	< 0.02	< 0.003	0.02	
Anthracene	120-12-7	< 0.02	< 0.002	0.02	
Phenanthrene	85-01-8	< 0.02	< 0.002	0.02	
Fluoranthene	206-44-0	< 0.02	< 0.002	0.02	
Pyrene	129-00-0	< 0.02	< 0.002	0.02	
Benzo[a]anthracene	56-55-3	< 0.03	< 0.004	0.03	
Chrysene	218-01-9	< 0.03	< 0.004	0.03	
Benzo[b]fluoranthene	205-99-2	< 0.03	< 0.003	0.03	
Benzo[k]fluoranthene	207-08-9	< 0.03	< 0.003	0.03	
Benzo[a]pyrene	50-32-8	< 0.03	< 0.003	0.03	
Indeno[1,2,3-c,d]pyrene	193-39-5	< 0.2	< 0.02	0.2	
Dibenzo[a,h]anthracene	53-70-3	< 0.2	< 0.02	0.2	
Benzo[g,h,i]perylene	191-24-2	< 0.2	< 0.02	0.2	

These results pertain only to this sample as it was collected and to the items reported.
These results have been reviewed and approved by the Laboratory Director or authorized representative.

Alice E. Delia, Ph.D., Laboratory Director

Enthalpy Analytical, LLC (MTP)
2625 Denison Dr.
Mt. Pleasant, MI 48858
989-772-5088

Enthalpy Analytical-MTP (ID 166272) is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene accreditation program for GC-MS Field of Testing as documented by the Scope of Accreditation Certificate and associated Scope.

ENTHALPY ANALYTICAL

Quality Control Report

Check Standard (CCV)

Instrument Data

Instrument:	SVOC GCMS - T5	QC File ID:	ChCHK_PAH_10
Instrument Date:	2/25/2025	Date Scanned:	2/25/2025 8:59
Analyst:	AG	Date Analyzed:	2/25/2025
		Media ID:	A2 (BB116)

Surrogate Recovery

	Amount (ng)	Nominal Amount (ng)	% Rec	QC Flag
Phenanthrene-d10	97.0	100.0	97%	PASS

Analyte Result

Injection QC Flag PASS

AIMS ID	Compound Name	Est RT	Amount (ng)	Nom (ng)	% Rec	QC Flag
158	Naphthalene	4.59	10.564	10	106%	PASS
598	Acenaphthylene	7.61	10.226	10	102%	PASS
599	Acenaphthene	8.01	10.118	10	101%	PASS
600	Fluorene	9.14	10.409	10	104%	PASS
601	Phenanthrene	11.32	9.886	10	99%	PASS
602	Anthracene	11.43	10.229	10	102%	PASS
603	Fluoranthene	14.13	10.325	10	103%	PASS
604	Pyrene	14.65	10.157	10	102%	PASS
605	1,2-Benzanthracene	17.53	11.595	10	116%	PASS
606	Chrysene	17.63	10.442	10	104%	PASS
608	Benzo(k)fluroanthene	19.96	10.839	10	108%	PASS
607	Benzo(b)fluororanthene	20.01	9.584	10	96%	PASS
609	Benz(a)pyrene	20.67	10.291	10	103%	PASS
610	Indeno(1,2,3-cd)pyrene	23.72	6.838			SQ
611	Dibenz(a,h)anthracene	23.80	2.172			SQ
612	Benzo(g,h,i)perylene	24.59	13.066			SQ

SQ = Determined Semiquantitatively; not calibrated. Results are estimated values only.

Sequence Name:	*T5 SVOC_02252025_a*
Instrument Method:	*T5_02062025_SVOC_HT*
Processing Method:	*T5_PAH_02102025_cal_02132025_AG*

ENTHALPY ANALYTICAL

Quality Control Report

Blank

Instrument Data

Instrument:	SVOC GCMS - T5	QC File ID:	ChBlk
Instrument Date:	2/25/2025	Date Scanned:	2/25/2025 10:53
Analyst:	AG	Date Analyzed:	2/25/2025
		Media ID:	A2 (BB748)

Surrogate Recovery

	Amount (ng)	Nominal Amount (ng)	% Rec	QC Flag
Phenanthrene-d10	98.1	100.0	98%	PASS

Analyte Result

QC Flag **PASS**

AIMS ID	Compound Name	Est RT	Amount (ng)	< RL
158	Naphthalene	4.59	ND	
598	Acenaphthylene	7.61	ND	
599	Acenaphthene	8.01	ND	
600	Fluorene	9.14	ND	
601	Phenanthrene	11.32	1.128	Yes
602	Anthracene	11.43	ND	
603	Fluoranthene	14.13	2.086	Yes
604	Pyrene	14.65	1.722	Yes
605	1,2-Benzanthracene	17.53	2.06	Yes
606	Chrysene	17.63	2.535	Yes
608	Benzo(k)fluroanthene	19.96	3.354	Yes
607	Benzo(b)fluororanthene	20.01	4.714	Yes
609	Benz(a)pyrene	20.67	ND	
610	Indeno(1,2,3-cd)pyrene	23.72	3.051	Yes
611	Dibenz(a,h)anthracene	23.80	2.626	Yes
612	Benzo(g,h,i)perylene	24.59	7.165	Yes

Sequence Name: *T5 SVOC_02252025_a*
Instrument Method: *T5_02062025_SVOC_HT*
Processing Method: *T5_PAH_02102025_cal_02132025_AG*

March 14, 2025

Case Narrative

Samples were received on 25 February 2025 by JW at 11:30 am Eastern time and entered into the Enthalpy-MTP LIMS under COC # 117761.

All samples were received in Acceptable condition.

The PAH samples were run on TD-GCMS "T5" by AG on 25 February 2025. All applicable quality control fell within Acceptable ranges. Sample data were processed by AG on 26 February 2025.

The FIRE samples were run on TD-GCMS "T6" by AG on 25 February 2025. All applicable quality control fell within Acceptable ranges. Sample data were processed by MR on 27 February 2025.

Sample data were reviewed by AD on 28 February 2025.

Implemented a change to General Notes text for the A2-MSFire report format on 04 March 2025. Revised and reissued reports on 14 March 2025.

Enthalpy Orange - Patty Natta 177761

ENTHALPY ANALYTICAL
Instructions to assist filling out the COC are on the next tab

Air Chain of Custody Record
Request for Analysis

Lab Use Only
work order # 529233

lab name Enthalpy - Orange	**CUSTOMER INFORMATION**	**PROJECT INFORMATION**
address 931 W. Barkley Ave., Orange, CA 92868	company: TRC Solutions, Inc	project name: LAUSD Canyon Charter
phone Orange 714-771-6900	contact/report to: Colin Campbell	submit invoice to
special instructions:	email: ccampbell@trccompanies.com	project #: 652687.0000.0000
	cc emails:	P.O. #:
	address: 707 Wilshire Blvd, Los Angeles, CA 90017	site name: LAUSD Canyon Charter
	phone: 213-310-1563	site state: California

custody seal intact? ☐ yes ☐ no ☐ none — PO #
on ice? ☐ yes ☐ no — Add. Notes
temperature °C _____
meets req.? ☐ yes ☐ no
preservation notes

turnaround time request (pre-approval required for TAT less than standard. surcharges will apply)
☐ STANDARD ☐ 5 day ☐ 2 day ☐ 1 day ☑ other 3-day

data deliverable type: ☑ STANDARD ☐ other
EDD required (Y/N)?
EDD Format
units for reporting: ug/m3
retention requirements:
regulatory program, as applicable (i.e., CAA, CARB, etc.): ☐ compliance ☐ engineering

*matrix code: (A) ambient, (O) other, (H) headspace, (PM) particulate matter, (S) stationary, (V) vapor, (W) worker
**container or media type: (B) bag (tedlar), (Bd) badge, (Bt) bottle, (C) canister, (F) filter, (O) other, (T) tube, (TD) thermal desorption tube

	Sampling Information			Equipment Information				Start Sampling Information			Stop Sampling Information					Analysis Requested				Comments
	Sample ID	Matrix Code*	Sample Type	Container Type** (media type)	Container ID# (Media ID)	Flow Cont. #	Container Size	Date	Time	Initial Pressure ("Hg)	Date	Time	Final Pressure ("Hg)	Sampler Name	Final Volume	VOCs by TO-15 SIM	Fire List by TO-17	PAHs by TO-17		PUMP ID
1	CANYON-AIR-2B-02222025	Air		TUBE D.	AC045			02/22/2025	0653	—	02/22/2025	0853	—	PK/ZE	24		X			HAC-C6640
2	CANYON-AIR-OUTDOOR-B-02222025	Air		TUBE D.	AF719			02/22/2025	0658	—	02/22/2025	0858	—	PK/ZE	24		X			HAC-C6094
3	CANYON-AIR-2B-02222025	Air		TUBE D.	AG364			02/22/2025	0704	—	02/22/2025	0904	—	PK/ZE	24		X			HAC-C5742
4	DUP-B	Air		TUBE D.	AJ996			02/22/2025	0705	—	02/22/2025	0905	—	PK/ZE	24		X			HAC-C6705
5	CANYON-AIR-5B-02222025	Air		TUBE D.	AL835			02/22/2025	0711	—	02/22/2025	0911	—	PK/ZE	24		X			HAC-C6790
6	CANYON-AIR-4B-02222025	Air		TUBE D.	AH136			02/22/2025	0716	—	02/22/2025	0916	—	PK/ZE	24		X			HAC-C6307
7	CANYON-AIR-1C-02222025	Air		TUBE D.	AI521			02/22/2025	0856	—	02/25/2025	0856	—	PK/ZE	288			X		HAC-C6640
8	CANYON-AIR-OUTDOOR-C-02222025	Air		TUBE D.	AH982			02/22/2025	0859	—	02/23/2025	0859	—	PK/ZE	288			X		HAC-C6094
9	CANYON-AIR-2C-02222025	Air		TUBE D.	AM192			02/22/2025	0907	—	02/23/2025	0907	—	PK/ZE	288			X		HAC-C5742
10	DUP-C	Air		TUBE D.	AC801			02/22/2025	0908	—	02/26/2025	0908	—	PK/ZE	288			X		HAC-C6705
11	CANYON-AIR-3C-02222025	Air		TUBE D.	YY834			02/22/2025	0914	—	02/22/2025	0914	—	PK/ZE	288			X		HAC-C6790
12	CANYON-AIR-4C-02222025	Air		TUBE D.	TT482			02/22/2025	0917	—	02/23/2025	0917	—	PK/ZE	288			X		HAC-C6307
13																				
14																				
15																				

note shipper, courier, and tracking # below		Signature	Print Name	Company / Title	Date (MM/DD/YY)	Time (24:00)
1	Relinquished By:		ZACH ELEVARIO	GEOLOGIST / TRC	02/24/2025	1115
	Received By:		JETH CO	ENTHALPY	02/24/25	11:16
2	Relinquished By:					
	Received By:		J. WOOD	S.C. Enthalpy MTP	2/25/25	11 30am
3	Relinquished By:					
	Received By:					
4	Relinquished By:					
	Received By:					

Notes (include special conditions, possible delays, etc.)
Sample Condition: ✓ OK — See Notes
Box Condition: ✓ OK — See Notes
Carrier: FEC

Field sampling conditions (notes)
☐ rain/snow during deployment/pick up
☐ continuous rain during samp period
☐ snow or melt during sampling period

Reset Form

ENTHALPY ANALYTICAL
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

117761

Subcontract Laboratory:
Enthalpy - Mt. Pleasant
2625 Denison Dr., Suite D
Mt. Pleasant, MI 48858
ATTN: Sarah Mack
PO #: Required, to be sent via email

Enthalpy Order: EO-527233
PM: Patty Mata
Email: patty.mata@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Rush TAT, due 02/27/25
Report Level: II
Report To: RL
EDDs:

Notes:
Rush tubes for TO-17 PAHs or TO-17-Fire list

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
CANYON-AIR-1B-02222025	22-FEB-2025 08:53	527233-001	1	Air	TO-17 PAHs	
CANYON-AIR-OUTDOOR-B-02222025	22-FEB-2025 08:58	527233-002	1	Air	TO-17 PAHs	
CANYON-AIR-2B-02222025	22-FEB-2025 09:04	527233-003	1	Air	TO-17 PAHs	
DUP-B	22-FEB-2025 09:05	527233-004	1	Air	TO-17 PAHs	
CANYON-AIR-3B-02222025	22-FEB-2025 09:11	527233-005	1	Air	TO-17 PAHs	
CANYON-AIR-4B-02222025	22-FEB-2025 09:16	527233-006	1	Air	TO-17 PAHs	
CANYON-AIR-1C-02222025	23-FEB-2025 08:56	527233-007	1	Air	TO-17 Fire List	
CANYON-AIR-OUTDOOR-C-02222025	23-FEB-2025 08:59	527233-008	1	Air	TO-17 Fire List	
CANYON-AIR-2C-02222025	23-FEB-2025 09:07	527233-009	1	Air	TO-17 Fire List	
DUP-C	23-FEB-2025 09:08	527233-010	1	Air	TO-17 Fire List	
CANYON-AIR-3C-02222025	23-FEB-2025 09:14	527233-011	1	Air	TO-17 Fire List	
CANYON-AIR-4C-02222025	23-FEB-2025 09:17	527233-012	1	Air	TO-17 Fire List	

Notes:	Relinquished By:	Received By:
	J. Rutherford EA-ORA	
	Date: 2/24/25 1500	Date:
	Date:	Date:
	Date:	Date:

Pumps Returned with Samples

117761

C6408
C4791
C6784
C6686
C6669
C6675
C6403
C4625
C6312
C5742
C6790
C6640
C6809
C6705
C6307
C6818
C6094
C6645
C6816

APPENDIX D

Site-Specific Risk-Based Screening Levels Tables

Calculation of Indoor Air Risk-Based Remediation Goals (RBRGs)

In order to determine whether potential exposure to contaminants of concern (COC) in air may pose a risk to human health, site-specific Risk-Based Remediation Goals (RBRGs) were calculated for comparison to analytical air data. RBRGs are considered protective of potentially complete and significant exposure pathways and were calculated for receptors based on current and future land use. The remainder of this Appendix details the algorithms used to calculate these site-specific RBRGs. Calculation of site-specific RBRGs is in accordance with the methodology and equations utilized are consistent with those provided in the United States Environmental Protection Agency's (USEPA's) *Risk Assessment Guidance for Superfund (RAGS) Part B and F* (USEPA 1991; 2009) and those utilized in USEPA's Regional Screening Level (RSL) Calculator (USEPA 2024).

1.0 EXPOSURE INTAKE EQUATIONS

The purpose of this section is to present the intake equations used to calculate air RBRGs for school staff and students.

The intake factor (IF) for inhalation is generally calculated with the following Equation:

$$IF_{inhal} = \frac{(ET/24\ {}^{hr}/_{day}) \times EF \times ED}{AT \times 365\ {}^{days}/_{yr}}$$

Where:

$IF_{w\text{-}inhal}$ = Inhalation intake factor (unitless)

ET = Exposure time (hr/day)

EF = Exposure frequency (days/year)

ED = Exposure duration (years)

AT = Averaging time of the exposure (years), 70 years for carcinogens and equal to the ED for non-carcinogens

All exposure assumptions for school staff and students are provided in **Table D1**.

2.0 METHODOLOGY FOR CALCULATION OF RBRGS

The methodology for calculating non-cancer and cancer indoor air RBRGs is presented below. Toxicity values are a component of the RBRG calculation and are summarized in **Table D2**. Once calculated, RBRGs are compared against air concentrations to determine whether they may pose a health concern and require additional evaluation or remediation. Note, for COCs where both non-cancer and cancer endpoints are present, the lower RBRG is selected for comparison to data.

2.1 RBRGS FOR NON-CARCINOGENIC COMPOUNDS

The equation to calculate the non-cancer RBRG for inhalation of indoor air is presented below.

$$RBCL_{inh-nc} = \frac{THI}{IF_{inh}/RfC_{inh}}$$

Where:

$RBRG_{inh\text{-}nc}$ = Risk-based cleanup level for inhalation, non-cancer effects (mg/m^3)

THI = Target hazard index (unitless) = 1

IF_{inh} = Inhalation Intake Factor (unitless)

RfC_{inh} = Inhalation Reference Concentration (mg/m^3)

2.2 RBRGS FOR CARCINOGENIC COMPOUNDS

The carcinogenic target risk level (TRL) is set to 1E-06. The equation to calculate the carcinogenic RBRG for inhalation of indoor air is presented below.

$$RBCL_{inh-c} = \frac{TRL}{IF_{inh} \times UR_{inh} \times CF}$$

Where:

$RBRG_{inh\text{-}c}$= Risk-based cleanup level for inhalation, cancer risk (mg/m^3)

TRL = Target Risk Level (unitless) = 10^{-6}

IF_{inh} = Inhalation intake factor (unitless)

UR_{inh} = Inhalation Unit Risk $(\mu g/m^3)^{-1}$

CF = Conversion Factor (1,000 µg/mg)

A summary of indoor air RBRGs is provided in **Table D3** and detailed calculations are provided as **Attachments D1 and D2**.

3.0 REFERENCES

United States Environmental Protection Agency (USEPA). 1991. Risk Assessment Guidance for Superfund, Volume I— Human Health Evaluation Manual (Part B, Development of Risk-based Preliminary Remediation Goals). Washington D.C.: Office of Emergency and Remedial Response. U.S. EPA/540/R-92/003. December 1991.

USEPA. 2009. Risk Assessment Guidance for Superfund, Volume 1: Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment). Final. Office of Superfund Remediation and Technology Innovation, Washington D.C. EPA-540-R-070-002. January 2009.

United States Environmental Protection Agency (USEPA). 2024. *Regional Screening Levels (RSLs) for Chemical Contaminants at Superfund Sites*. November 2024.

Tables

Table D-1
Summary of Exposure Assumptions
Los Angeles United School District

School-Specific Receptor		School Staff		School Students (K-5)	
General Assumptions					
AT	Averaging time (years):				
	Carcinogenic	70	EPA Recommended life expectancy [USEPA, 2014, 2024]	70	EPA Recommended life expectancy [USEPA, 2014, 2024]
	Noncarcinogenic				
	Days/year	365		365	
	Years	25	EPA default for workers [USEPA, 2014, 2024]	6	Assumes student attends elementary school from kindergarten to 5th grade for a total of 6 years.
ADAF	USEPA MUTAGENIC ADAF (10, 3, or 1) 0 to < 2 yr old = 10; 2 to < 16 yr old = 3; > 16 yr old = 1.	1	EPA recommended age-dependent adjustment factor (ADAF) for mutagenic modes of action [USEPA, 2024]	3	EPA recommended age-dependent adjustment factor (ADAF) for mutagenic modes of action [USEPA, 2024]
Inhalation of Indoor Air Assumption					
ET	Exposure Time (hours/day):	9	[a]	7	[b]
FI	Fraction Inhaled of Daily Total (unitless):	1		1	
EF	Exposure Frequency (days/year):	185	[c]	183	[d]
ED	Exposure Duration (years):	25	[e]	6	[f]

Notes:
[a] Exposure Time (ET) for school staff conservatively assumes they spend 1 hour before and 1 hour after school each school day.
[b] Exposure Time (ET) for school student assumes they are indoors 7 hours each school day.
[c] Exposure Frequency (EF) for school staff assumes they are at school 183 instructional days per school year, plus 2 optional employee prep days.
[d] Exposure Frequency (EF) for school student assumes they are at school 183 instructional days per school year.
[e] Exposure Duration (ED) for school staff assumes they teach at school for EPA's occupational default of 25 years.
[f] Exposure Duration (ED) for school student assumes they attend elementary school from kindergarten to 5th grade.

References:

USEPA, 2014. Human Health Evaluation Manual, Supplemental Guidance: Update on Standard Default Exposure Factors. Office of Solid Waste and Emergency Response, Washington, D.C. OSWER Directive 9200.1-120. February 6.
USEPA, 2024. Regional Screening Levels (RSLs) for Chemical Contaminants at Superfund Sites. November 2024.

Table D-2
Summary of Chemical and Toxicity Information
Los Angeles United School District

Analyte	CAS	Mutagen?	Volatile?	IUR $(ug/m^3)^{-1}$	Basis	RfCi (mg/m^3)	Basis
1,1,1,2-Tetrachloroethane	630-20-6		V	7.40E-06	I		
1,1,1-Trichloroethane	71-55-6		V			5.00E+00	I
1,1,2,2-Tetrachloroethane	79-34-5		V	5.80E-05	C		
1,1,2-Trichloroethane	79-00-5		V	1.60E-05	I	2.00E-04	X
1,1-Dichloroethane	75-34-3		V	1.60E-06	C		
1,1-Dichloroethene	75-35-4		V			3.96E-03	A
1,2,4-Trichlorobenzene	120-82-1		V			2.00E-03	P
1,2,4-Trimethylbenzene	95-63-6		V			6.00E-02	I
1,2-Dibromoethane	106-93-4		V	6.00E-04	I	9.00E-03	I
1,2-Dichlorobenzene	95-50-1		V			2.00E-01	H
1,2-Dichloroethane	107-06-2		V	2.60E-05	I	7.00E-03	P
1,2-Dichloropropane	78-87-5		V	3.70E-06	P	4.00E-03	I
1,3,5-Trimethylbenzene	108-67-8		V			6.00E-02	I
1,3-Dichlorobenzene	541-73-1						
1,4-Dichlorobenzene	106-46-7		V	1.10E-05	C	8.00E-01	I
2,4-Dimethylphenol	105-67-9						
2-Chlorotoluene	95-49-8		V				
2-Furaldehyde	98-01-1		V			5.00E-02	H
2-Methoxyphenol	90-05-1						
2-Methylnaphthalene	91-57-6		V				
4-Ethyl-2-methoxyphenol	2785-89-9						
Acenaphthylene	208-96-8						
Acenapthene	83-32-9		V				
Acetonitrile	75-05-8		V			6.00E-02	I
Acrolein	107-02-8		V			2.00E-05	I
Anthracene	120-12-7		V				
Benzene	71-43-2		V	7.80E-06	I	3.00E-02	I
Benzo(a)anthracene	56-55-3	M	V	6.00E-05	E		
Benzo(a)pyrene	50-32-8	M		6.00E-04	I	2.00E-06	I
Benzo(b)fluoranthene	205-99-2	M		6.00E-05	E		
Benzo(g,h,i)perylene	191-24-2						
Benzo(k)fluoranthene	207-08-9	M		6.00E-06	E		
Benzyl chloride	100-44-7		V	4.90E-05	C	1.00E-03	P
Biphenyl	92-52-4		V			4.00E-04	X
Bromodichloromethane	75-27-4		V	3.70E-05	C		
Bromoform	75-25-2		V	1.10E-06	I		
Bromomethane	74-83-9		V			5.00E-03	I
Carbon Tetrachloride	56-23-5		V	6.00E-06	I	1.00E-01	I
Chlorobenzene	108-90-7		V			5.00E-02	P
Chloroethane	75-00-3		V			4.00E+00	P
Chloroform	67-66-3		V	2.30E-05	I	1.95E-03	T
Chloromethane	74-87-3		V			9.00E-02	I
Chrysene	218-01-9	M		6.00E-07	E		
cis-1,2-Dichloroethene	156-59-2		V			4.00E-02	X
cis-1,3-Dichloropropene	542-75-6		V	4.00E-06	I	2.00E-02	I
Creosol	93-51-6						
Dibenz(a,h)anthracene	53-70-3	M		6.00E-04	E		
Dibromochloromethane (chlorodibromomethane)	124-48-1		V				
Ethylbenzene	100-41-4		V	2.50E-06	C	1.00E+00	I
Fluoranthene	206-44-0						
Fluorene	86-73-7		V				
Freon 113 (1,1,2-Trichloro-1,2,2-trifluoroethane)	76-13-1		V			5.00E+00	P
Freon 114 (1,2-Dichlorotetrafluoroethane)	76-14-2						
Freon 12 (difluorodichloromethane)	75-71-8		V			1.00E-01	X
Hexachlorobutadiene	87-68-3		V	2.20E-05	I		
Indeno(1,2,3-cd)pyrene	193-39-5	M		6.00E-05	E		
m,p-Cresol	108-39-4					6.00E-01	C
m,p-Xylenes	108-38-3		V			1.00E-01	G
Methylbiphenyl	28652-72-4						
Methylene Chloride	75-09-2	M	V	1.00E-08	I	6.00E-01	I
Naphthalene	91-20-3		V	3.40E-05	C	3.00E-03	I
o-Cresol	95-48-7					6.00E-01	C
o-Xylene	95-47-6		V			1.00E-01	G
Phenanthrene	85-01-8						
Pyrene	129-00-0		V				
Salicylaldehyde	90-02-8						
Styrene	100-42-5		V			1.00E+00	I
Tetrachloroethene	127-18-4		V	2.60E-07	I	4.00E-02	I
Toluene	108-88-3		V			5.00E+00	I
trans-1,2-Dichloroethene	156-60-5		V			4.00E-02	X
trans-1,3-Dichloropropene	542-75-6		V	4.00E-06	I	2.00E-02	I
Trichloroethene	79-01-6	M	V	4.10E-06	I	2.00E-03	I
Trichlorofluoromethane	75-69-4		V				
Vinyl bromide	593-60-2		V	1.50E-05	P	3.00E-03	I
Vinyl chloride	75-01-4	M	V	4.40E-06	I	5.11E-02	A
Xylene (total)	1330-20-7		V			1.00E-01	I

Notes:
IUR = inhalation unit risk (cancer inhalation toxicity value)
M = mutagen
RfCi = inhalation reference concentration (noncancer toxicity value)
V = volatile

Nov 2024 EPA RSL Toxicity References:

A = ATSDR
C = Cal EPA
E = Relative Potency Factor applied
G = see EPA RSL User's Guide
H = HEAST
I = IRIS
P = PPRTV
T = ATSDR DRAFT
X = PPRTV Screening Level

Table D-3
Summary of Indoor Air RBRGs
Los Angeles United School District

Analyte	School Staff		School Students	
	Air RRBG (ug/m^3)	Basis	Air RRBG (ug/m^3)	Basis
1,1,1,2-Tetrachloroethane	2.0	C	10.8	C
1,1,1-Trichloroethane	26,306.3	NC	34,192.0	NC
1,1,2,2-Tetrachloroethane	0.25	C	1.4	C
1,1,2-Trichloroethane	0.92	C	1.4	NC
1,1-Dichloroethane	9.2	C	49.9	C
1,1-Dichloroethene	20.8	NC	27.1	NC
1,2,4-Trichlorobenzene	10.5	NC	13.7	NC
1,2,4-Trimethylbenzene	315.7	NC	410.3	NC
1,2-Dibromoethane	0.02	C	0.13	C
1,2-Dichlorobenzene	1,052.3	NC	1,367.7	NC
1,2-Dichloroethane	0.57	C	3.1	C
1,2-Dichloropropane	4.0	C	21.6	C
1,3,5-Trimethylbenzene	315.7	NC	410.3	NC
1,3-Dichlorobenzene	NA		NA	
1,4-Dichlorobenzene	1.3	C	7.3	C
2,4-Dimethylphenol	NA		NA	
2-Chlorotoluene	NA		NA	
2-Furaldehyde	263.1	NC	341.9	NC
2-Methoxyphenol	NA		NA	
2-Methylnaphthalene	NA		NA	
4-Ethyl-2-methoxyphenol	NA		NA	
Acenaphthylene	NA		NA	
Acenapthene	NA		NA	
Acetonitrile	315.7	NC	410.3	NC
Acrolein	0.11	NC	0.14	NC
Anthracene	NA		NA	
Benzene	1.9	C	10.2	C
Benzo(a)anthracene	0.25	C	0.44	C
Benzo(a)pyrene	0.01	NC	0.01	NC
Benzo(b)fluoranthene	0.25	C	0.44	C
Benzo(g,h,i)perylene	NA		NA	
Benzo(k)fluoranthene	2.5	C	4.4	C
Benzyl chloride	0.30	C	1.6	C
Biphenyl	2.1	NC	2.7	NC
Bromodichloromethane	0.40	C	2.2	C
Bromoform	13.4	C	72.5	C
Bromomethane	26.3	NC	34.2	NC
Carbon Tetrachloride	2.5	C	13.3	C
Chlorobenzene	263.1	NC	341.9	NC
Chloroethane	21,045.0	NC	27,353.6	NC
Chloroform	0.64	C	3.5	C
Chloromethane	473.5	NC	615.5	NC
Chrysene	24.6	C	44.3	C
cis-1,2-Dichloroethene	210.5	NC	273.5	NC
cis-1,3-Dichloropropene	3.7	C	19.9	C
Creosol	NA		NA	
Dibenz(a,h)anthracene	0.02	C	0.04	C
Dibromochloromethane (chloro	NA		NA	
Ethylbenzene	5.9	C	31.9	C
Fluoranthene	NA		NA	
Fluorene	NA		NA	
Freon 113 (1,1,2-Trichloro-1,2,2	26,306.3	NC	34,192.0	NC
Freon 114 (1,2-Dichlorotetrafluo	NA		NA	
Freon 12 (difluorodichlorometha	526.1	NC	683.8	NC
Hexachlorobutadiene	0.67	C	3.6	C
Indeno(1,2,3-cd)pyrene	0.25	C	0.44	C
m,p-Cresol	3,156.8	NC	4,103.0	NC
m,p-Xylenes	526.1	NC	683.8	NC
Methylbiphenyl	NA		NA	
Methylene Chloride	1,473.2	C	2,659.4	C
Naphthalene	0.43	C	2.3	C
o-Cresol	3,156.8	NC	4,103.0	NC
o-Xylene	526.1	NC	683.8	NC
Phenanthrene	NA		NA	
Pyrene	NA		NA	
Salicylaldehyde	NA		NA	
Styrene	5,261.3	NC	6,838.4	NC
Tetrachloroethene	56.7	C	273.5	NC
Toluene	26,306.3	NC	34,192.0	NC
trans-1,2-Dichloroethene	210.5	NC	273.5	NC
trans-1,3-Dichloropropene	3.7	C	19.9	C
Trichloroethene	3.6	C	6.5	C
Trichlorofluoromethane	NA		NA	
Vinyl bromide	1.0	C	5.3	C
Vinyl chloride	3.3	C	6.0	C
Xylene (total)	526.1	NC	683.8	NC

Notes:
C = based on cancer target risk level of 1E-06
NA = RBRG could not be calculated due to lack of inhalation toxicity information
NC = based on noncancer target hazard quotient of 1.0
RBRG = Risk-Based Remediation Goal

Attachment D1
School-Specific Indoor Air RBRG Calculations for School Staff
Los Angeles Unified School District

Receptor: **School Staff**

General Assumptions		
AT	Averaging time (years):	
	Carcinogenic	70
	Noncarcinogenic	
	Days/year	365
	Years	25
ADAF	Age-dependent adjustment factor (mutagens)	1
Inhalation		
ET	Exposure Time (hours/day):	9
FI	Fraction Inhaled of Daily Total (unitless):	1
EF	Exposure Frequency (days/year):	185
ED	Exposure Duration (years):	25
	Intake Factor (carc, unitless)	**6.79E-02**
	Intake Factor (noncarc, unitless)	**1.90E-01**
Toxicity Value Source		
TV	Enter 1 for chronic toxicity values	1

								HQ = 1		TRL = 1.00E-06					
COPC	**Unit Risk (ug/m^3)$^{-1}$**	**Reference Concentration (mg/m^3)**	**Volatile**	**MUTAGENIC**	**USEPA Mutagenic ADAF**	**NON CANCER INTAKES**	**CANCER INTAKES**	**Risk-Based Remediation Goals: Noncancer Effects**		**Risk-Based Remediation Goals: Cancer Effects**		**Min Air Risk-Based Remediation Goals (mg/m^3)**		**Min Air Risk-Based Remediation Goals (ug/m^3)**	
	(Inhalation)	**(Inhalation)**	**V = Volatile N = Not Volatile**	**M = Mutagenic N = Nonmutagenic**	**Unitless**	**Inhalation Intake (unitless)**	**Inhalation Intake (unitless)**	**Inhalation (mg/m^3)**	**Final Inhalation (mg/m^3)**	**Inhalation (mg/m^3)**	**Final Inhalation (mg/m^3)**				
1,1,1,2-Tetrachloroethane	7.40E-06	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	1.99E-03	1.99E-03	**0.00199**	**C**	**2.0**	**C**
1,1,1-Trichloroethane	NA	5.00E+00	V	N	1	1.90E-01	6.79E-02	2.63E+01	2.63E+01	NA	NA	**26.31**	**NC**	**26,306**	**NC**
1,1,2,2-Tetrachloroethane	5.80E-05	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	2.54E-04	2.54E-04	**0.0003**	**C**	**0.3**	**C**
1,1,2-Trichloroethane	1.60E-05	2.00E-04	V	N	1	1.90E-01	6.79E-02	1.05E-03	1.05E-03	9.21E-04	9.21E-04	**0.0009**	**C**	**0.9**	**C**
1,1-Dichloroethane	1.60E-06	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	9.21E-03	9.21E-03	**0.0092**	**C**	**9.2**	**C**
1,1-Dichloroethene	NA	3.96E-03	V	N	1	1.90E-01	6.79E-02	2.08E-02	2.08E-02	NA	NA	**0.0208**	**NC**	**20.8**	**NC**
1,2,4-Trichlorobenzene	NA	2.00E-03	V	N	1	1.90E-01	6.79E-02	1.05E-02	1.05E-02	NA	NA	**0.0105**	**NC**	**10.5**	**NC**
1,2,4-Trimethylbenzene	NA	6.00E-02	V	N	1	1.90E-01	6.79E-02	3.16E-01	3.16E-01	NA	NA	**0.3157**	**NC**	**316**	**NC**
1,2-Dibromoethane	6.00E-04	9.00E-03	V	N	1	1.90E-01	6.79E-02	4.74E-02	4.74E-02	2.46E-05	2.46E-05	**0.00002**	**C**	**0.02**	**C**
1,2-Dichlorobenzene	NA	2.00E-01	V	N	1	1.90E-01	6.79E-02	1.05E+00	1.05E+00	NA	NA	**1.0523**	**NC**	**1,052**	**NC**
1,2-Dichloroethane	2.60E-05	7.00E-03	V	N	1	1.90E-01	6.79E-02	3.68E-02	3.68E-02	5.67E-04	5.67E-04	**0.0006**	**C**	**0.6**	**C**
1,2-Dichloropropane	3.70E-06	4.00E-03	V	N	1	1.90E-01	6.79E-02	2.10E-02	2.10E-02	3.98E-03	3.98E-03	**0.0040**	**C**	**4.0**	**C**
1,3,5-Trimethylbenzene	NA	6.00E-02	V	N	1	1.90E-01	6.79E-02	3.16E-01	3.16E-01	NA	NA	**0.3157**	**NC**	**316**	**NC**
1,3-Dichlorobenzene	NA	NA	N	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
1,4-Dichlorobenzene	1.10E-05	8.00E-01	V	N	1	1.90E-01	6.79E-02	4.21E+00	4.21E+00	1.34E-03	1.34E-03	**0.0013**	**C**	**1.3**	**C**
2,4-Dimethylphenol	NA	NA	N	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
2-Chlorotoluene	NA	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
2-Furaldehyde	NA	5.00E-02	V	N	1	1.90E-01	6.79E-02	2.63E-01	2.63E-01	NA	NA	**0.2631**	**NC**	**263**	**NC**
2-Methoxyphenol	NA	NA	N	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
2-Methylnaphthalene	NA	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
4-Ethyl-2-methoxyphenol	NA	NA	N	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Acenaphthylene	NA	NA	N	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Acenapthene	NA	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Acetonitrile	NA	6.00E-02	V	N	1	1.90E-01	6.79E-02	3.16E-01	3.16E-01	NA	NA	**0.3157**	**NC**	**316**	**NC**
Acrolein	NA	2.00E-05	V	N	1	1.90E-01	6.79E-02	1.05E-04	1.05E-04	NA	NA	**0.00011**	**NC**	**0.11**	**NC**
Anthracene	NA	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Benzene	7.80E-06	3.00E-02	V	N	1	1.90E-01	6.79E-02	1.58E-01	1.58E-01	1.89E-03	1.89E-03	**0.0019**	**C**	**1.9**	**C**
Benzo(a)anthracene	6.00E-05	NA	V	M	1	1.90E-01	6.79E-02	NA	NA	2.46E-04	2.46E-04	**0.0002**	**C**	**0.2**	**C**
Benzo(a)pyrene	6.00E-04	2.00E-06	N	M	1	1.90E-01	6.79E-02	1.05E-05	1.05E-05	2.46E-05	2.46E-05	**0.000011**	**NC**	**0.011**	**NC**
Benzo(b)fluoranthene	6.00E-05	NA	N	M	1	1.90E-01	6.79E-02	NA	NA	2.46E-04	2.46E-04	**0.0002**	**C**	**0.2**	**C**
Benzo(g,h,i)perylene	NA	NA	N	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Benzo(k)fluoranthene	6.00E-06	NA	N	M	1	1.90E-01	6.79E-02	NA	NA	2.46E-03	2.46E-03	**0.0025**	**C**	**2.5**	**C**
Benzyl chloride	4.90E-05	1.00E-03	V	N	1	1.90E-01	6.79E-02	5.26E-03	5.26E-03	3.01E-04	3.01E-04	**0.0003**	**C**	**0.3**	**C**
Biphenyl	NA	4.00E-04	V	N	1	1.90E-01	6.79E-02	2.10E-03	2.10E-03	NA	NA	**0.0021**	**NC**	**2.1**	**NC**
Bromodichloromethane	3.70E-05	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	3.98E-04	3.98E-04	**0.0004**	**C**	**0.4**	**C**

Attachment D1
School-Specific Indoor Air RBRG Calculations for School Staff
Los Angeles Unified School District

Bromoform	1.10E-06	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	1.34E-02	1.34E-02	**0.0134**	**C**	**13.4**	**C**
Bromomethane	NA	5.00E-03	V	N	1	1.90E-01	6.79E-02	2.63E-02	2.63E-02	NA	NA	**0.0263**	**NC**	**26.3**	**NC**
Carbon Tetrachloride	6.00E-06	1.00E-01	V	N	1	1.90E-01	6.79E-02	5.26E-01	5.26E-01	2.46E-03	2.46E-03	**0.0025**	**C**	**2.5**	**C**
Chlorobenzene	NA	5.00E-02	V	N	1	1.90E-01	6.79E-02	2.63E-01	2.63E-01	NA	NA	**0.2631**	**NC**	**263**	**NC**
Chloroethane	NA	4.00E+00	V	N	1	1.90E-01	6.79E-02	2.10E+01	2.10E+01	NA	NA	**21.0450**	**NC**	**21,045**	**NC**
Chloroform	2.30E-05	1.95E-03	V	N	1	1.90E-01	6.79E-02	1.03E-02	1.03E-02	6.41E-04	6.41E-04	**0.0006**	**C**	**0.6**	**C**
Chloromethane	NA	9.00E-02	V	N	1	1.90E-01	6.79E-02	4.74E-01	4.74E-01	NA	NA	**0.4735**	**NC**	**474**	**NC**
Chrysene	6.00E-07	NA	N	M	1	1.90E-01	6.79E-02	NA	NA	2.46E-02	2.46E-02	**0.0246**	**C**	**24.6**	**C**
cis-1,2-Dichloroethene	NA	4.00E-02	V	N	1	1.90E-01	6.79E-02	2.10E-01	2.10E-01	NA	NA	**0.2105**	**NC**	**210**	**NC**
cis-1,3-Dichloropropene	4.00E-06	2.00E-02	V	N	1	1.90E-01	6.79E-02	1.05E-01	1.05E-01	3.68E-03	3.68E-03	**0.0037**	**C**	**3.7**	**C**
Creosol	NA	NA	N	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Dibenz(a,h)anthracene	6.00E-04	NA	N	M	1	1.90E-01	6.79E-02	NA	NA	2.46E-05	2.46E-05	**0.00002**	**C**	**0.025**	**C**
Dibromochloromethane (chlorodibromomethane)	NA	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Ethylbenzene	2.50E-06	1.00E+00	V	N	1	1.90E-01	6.79E-02	5.26E+00	5.26E+00	5.89E-03	5.89E-03	**0.0059**	**C**	**5.9**	**C**
Fluoranthene	NA	NA	N	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Fluorene	NA	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Freon 113 (1,1,2-Trichloro-1,2,2-trifluoroethane)	NA	5.00E+00	V	N	1	1.90E-01	6.79E-02	2.63E+01	2.63E+01	NA	NA	**26.3063**	**NC**	**26,306**	**NC**
Freon 114 (1,2-Dichlorotetrafluoroethane)	NA	NA	N	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Freon 12 (difluorodichloromethane)	NA	1.00E-01	V	N	1	1.90E-01	6.79E-02	5.26E-01	5.26E-01	NA	NA	**0.5261**	**NC**	**526**	**NC**
Hexachlorobutadiene	2.20E-05	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	6.70E-04	6.70E-04	**0.0007**	**C**	**0.7**	**C**
Indeno(1,2,3-cd)pyrene	6.00E-05	NA	N	M	1	1.90E-01	6.79E-02	NA	NA	2.46E-04	2.46E-04	**0.00025**	**C**	**0.25**	**C**
m,p-Cresol	NA	6.00E-01	N	N	1	1.90E-01	6.79E-02	3.16E+00	3.16E+00	NA	NA	**3.1568**	**NC**	**3,157**	**NC**
m,p-Xylenes	NA	1.00E-01	V	N	1	1.90E-01	6.79E-02	5.26E-01	5.26E-01	NA	NA	**0.5261**	**NC**	**526**	**NC**
Methylbiphenyl	NA	NA	N	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Methylene Chloride	1.00E-08	6.00E-01	V	M	1	1.90E-01	6.79E-02	3.16E+00	3.16E+00	1.47E+00	1.47E+00	**1.4732**	**C**	**1,473**	**C**
Naphthalene	3.40E-05	3.00E-03	V	N	1	1.90E-01	6.79E-02	1.58E-02	1.58E-02	4.33E-04	4.33E-04	**0.0004**	**C**	**0.4**	**C**
o-Cresol	NA	6.00E-01	N	N	1	1.90E-01	6.79E-02	3.16E+00	3.16E+00	NA	NA	**3.1568**	**NC**	**3,157**	**NC**
o-Xylene	NA	1.00E-01	V	N	1	1.90E-01	6.79E-02	5.26E-01	5.26E-01	NA	NA	**0.5261**	**NC**	**526**	**NC**
Phenanthrene	NA	NA	N	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Pyrene	NA	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Salicylaldehyde	NA	NA	N	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Styrene	NA	1.00E+00	V	N	1	1.90E-01	6.79E-02	5.26E+00	5.26E+00	NA	NA	**5.2613**	**NC**	**5,261**	**NC**
Tetrachloroethene	2.60E-07	4.00E-02	V	N	1	1.90E-01	6.79E-02	2.10E-01	2.10E-01	5.67E-02	5.67E-02	**0.0567**	**C**	**57**	**C**
Toluene	NA	5.00E+00	V	N	1	1.90E-01	6.79E-02	2.63E+01	2.63E+01	NA	NA	**26.3063**	**NC**	**26,306**	**NC**
trans-1,2-Dichloroethene	NA	4.00E-02	V	N	1	1.90E-01	6.79E-02	2.10E-01	2.10E-01	NA	NA	**0.2105**	**NC**	**210**	**NC**
trans-1,3-Dichloropropene	4.00E-06	2.00E-02	V	N	1	1.90E-01	6.79E-02	1.05E-01	1.05E-01	3.68E-03	3.68E-03	**0.0037**	**C**	**3.7**	**C**
Trichloroethene	4.10E-06	2.00E-03	V	M	1	1.90E-01	6.79E-02	1.05E-02	1.05E-02	3.59E-03	3.59E-03	**0.0036**	**C**	**3.6**	**C**
Trichlorofluoromethane	NA	NA	V	N	1	1.90E-01	6.79E-02	NA	NA	NA	NA	**NA**		**NA**	
Vinyl bromide	1.50E-05	3.00E-03	V	N	1	1.90E-01	6.79E-02	1.58E-02	1.58E-02	9.82E-04	9.82E-04	**0.0010**	**C**	**1.0**	**C**
Vinyl chloride	4.40E-06	5.11E-02	V	M	1	1.90E-01	6.79E-02	2.69E-01	2.69E-01	3.35E-03	3.35E-03	**0.0033**	**C**	**3.3**	**C**
Xylene (total)	NA	1.00E-01	V	N	1	1.90E-01	6.79E-02	5.26E-01	5.26E-01	NA	NA	**0.5261**	**NC**	**526**	**NC**

Attachment D2
School-Specific Indoor Air RBRG Calculations for School Students
Los Angeles Unified School District

Receptor: **School Students**

General Assumptions		
AT	Averaging time (years):	
	Carcinogenic	70
	Noncarcinogenic	
	Days/year	365
	Years	6
ADAF	Age-dependent adjustment factor (mutagens)	3
Inhalation		
ET	Exposure Time (hours/day):	7
FI	Fraction Inhaled of Daily Total (unitless):	1
EF	Exposure Frequency (days/year):	183
ED	Exposure Duration (years):	6
	Intake Factor (carc, unitless)	**1.25E-02**
	Intake Factor (noncarc, unitless)	**1.46E-01**
Toxicity Value Source		
TV	Enter 1 for chronic toxicity values	1

								HQ = 1		TRL = 1.00E-06					
COPC	**Unit Risk (ug/m^3)$^{-1}$**	**Reference Concentration (mg/m^3)**	**Volatile**	**MUTAGENIC**	**USEPA Mutagenic ADAF**	**NON CANCER INTAKES**	**CANCER INTAKES**	**Risk-Based Remediation Goals: Noncancer Effects**		**Risk-Based Remediation Goals: Cancer Effects**		**Min Air Risk-Based Remediation Goals (mg/m^3)**		**Min Air Risk-Based Remediation Goals (ug/m^3)**	
	(Inhalation)	**(Inhalation)**	**V = Volatile N = Not Volatile**	**M = Mutagenic N = Nonmutagenic**	**Unitless**	**Inhalation Intake (unitless)**	**Inhalation Intake (unitless)**	**Inhalation (mg/m^3)**	**Final Inhalation (mg/m^3)**	**Inhalation (mg/m^3)**	**Final Inhalation (mg/m^3)**				
1,1,1,2-Tetrachloroethane	7.40E-06	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	1.08E-02	1.08E-02	**0.01078**	**C**	**10.8**	**C**
1,1,1-Trichloroethane	NA	5.00E+00	V	N	1	1.46E-01	1.25E-02	3.42E+01	3.42E+01	NA	NA	**34.19**	**NC**	**34,192**	**NC**
1,1,2,2-Tetrachloroethane	5.80E-05	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	1.38E-03	1.38E-03	**0.0014**	**C**	**1.4**	**C**
1,1,2-Trichloroethane	1.60E-05	2.00E-04	V	N	1	1.46E-01	1.25E-02	1.37E-03	1.37E-03	4.99E-03	4.99E-03	**0.0014**	**NC**	**1.4**	**NC**
1,1-Dichloroethane	1.60E-06	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	4.99E-02	4.99E-02	**0.0499**	**C**	**49.9**	**C**
1,1-Dichloroethene	NA	3.96E-03	V	N	1	1.46E-01	1.25E-02	2.71E-02	2.71E-02	NA	NA	**0.0271**	**NC**	**27.1**	**NC**
1,2,4-Trichlorobenzene	NA	2.00E-03	V	N	1	1.46E-01	1.25E-02	1.37E-02	1.37E-02	NA	NA	**0.0137**	**NC**	**13.7**	**NC**
1,2,4-Trimethylbenzene	NA	6.00E-02	V	N	1	1.46E-01	1.25E-02	4.10E-01	4.10E-01	NA	NA	**0.4103**	**NC**	**410**	**NC**
1,2-Dibromoethane	6.00E-04	9.00E-03	V	N	1	1.46E-01	1.25E-02	6.15E-02	6.15E-02	1.33E-04	1.33E-04	**0.00013**	**C**	**0.13**	**C**
1,2-Dichlorobenzene	NA	2.00E-01	V	N	1	1.46E-01	1.25E-02	1.37E+00	1.37E+00	NA	NA	**1.3677**	**NC**	**1,368**	**NC**
1,2-Dichloroethane	2.60E-05	7.00E-03	V	N	1	1.46E-01	1.25E-02	4.79E-02	4.79E-02	3.07E-03	3.07E-03	**0.0031**	**C**	**3.1**	**C**
1,2-Dichloropropane	3.70E-06	4.00E-03	V	N	1	1.46E-01	1.25E-02	2.74E-02	2.74E-02	2.16E-02	2.16E-02	**0.0216**	**C**	**21.6**	**C**
1,3,5-Trimethylbenzene	NA	6.00E-02	V	N	1	1.46E-01	1.25E-02	4.10E-01	4.10E-01	NA	NA	**0.4103**	**NC**	**410**	**NC**
1,3-Dichlorobenzene	NA	NA	N	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
1,4-Dichlorobenzene	1.10E-05	8.00E-01	V	N	1	1.46E-01	1.25E-02	5.47E+00	5.47E+00	7.25E-03	7.25E-03	**0.0073**	**C**	**7.3**	**C**
2,4-Dimethylphenol	NA	NA	N	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
2-Chlorotoluene	NA	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
2-Furaldehyde	NA	5.00E-02	V	N	1	1.46E-01	1.25E-02	3.42E-01	3.42E-01	NA	NA	**0.3419**	**NC**	**342**	**NC**
2-Methoxyphenol	NA	NA	N	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
2-Methylnaphthalene	NA	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
4-Ethyl-2-methoxyphenol	NA	NA	N	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Acenaphthylene	NA	NA	N	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Acenapthene	NA	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Acetonitrile	NA	6.00E-02	V	N	1	1.46E-01	1.25E-02	4.10E-01	4.10E-01	NA	NA	**0.4103**	**NC**	**410**	**NC**
Acrolein	NA	2.00E-05	V	N	1	1.46E-01	1.25E-02	1.37E-04	1.37E-04	NA	NA	**0.00014**	**NC**	**0.14**	**NC**
Anthracene	NA	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Benzene	7.80E-06	3.00E-02	V	N	1	1.46E-01	1.25E-02	2.05E-01	2.05E-01	1.02E-02	1.02E-02	**0.0102**	**C**	**10.2**	**C**
Benzo(a)anthracene	6.00E-05	NA	V	M	3	1.46E-01	3.76E-02	NA	NA	4.43E-04	4.43E-04	**0.0004**	**C**	**0.4**	**C**
Benzo(a)pyrene	6.00E-04	2.00E-06	N	M	3	1.46E-01	3.76E-02	1.37E-05	1.37E-05	4.43E-05	4.43E-05	**0.000014**	**NC**	**0.014**	**NC**
Benzo(b)fluoranthene	6.00E-05	NA	N	M	3	1.46E-01	3.76E-02	NA	NA	4.43E-04	4.43E-04	**0.0004**	**C**	**0.4**	**C**
Benzo(g,h,i)perylene	NA	NA	N	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Benzo(k)fluoranthene	6.00E-06	NA	N	M	3	1.46E-01	3.76E-02	NA	NA	4.43E-03	4.43E-03	**0.0044**	**C**	**4.4**	**C**
Benzyl chloride	4.90E-05	1.00E-03	V	N	1	1.46E-01	1.25E-02	6.84E-03	6.84E-03	1.63E-03	1.63E-03	**0.0016**	**C**	**1.6**	**C**
Biphenyl	NA	4.00E-04	V	N	1	1.46E-01	1.25E-02	2.74E-03	2.74E-03	NA	NA	**0.0027**	**NC**	**2.7**	**NC**
Bromodichloromethane	3.70E-05	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	2.16E-03	2.16E-03	**0.0022**	**C**	**2.2**	**C**

Attachment D2
School-Specific Indoor Air RBRG Calculations for School Students
Los Angeles Unified School District

Bromoform	1.10E-06	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	7.25E-02	7.25E-02	**0.0725**	**C**	**72.5**	**C**
Bromomethane	NA	5.00E-03	V	N	1	1.46E-01	1.25E-02	3.42E-02	3.42E-02	NA	NA	**0.0342**	**NC**	**34.2**	**NC**
Carbon Tetrachloride	6.00E-06	1.00E-01	V	N	1	1.46E-01	1.25E-02	6.84E-01	6.84E-01	1.33E-02	1.33E-02	**0.0133**	**C**	**13.3**	**C**
Chlorobenzene	NA	5.00E-02	V	N	1	1.46E-01	1.25E-02	3.42E-01	3.42E-01	NA	NA	**0.3419**	**NC**	**342**	**NC**
Chloroethane	NA	4.00E+00	V	N	1	1.46E-01	1.25E-02	2.74E+01	2.74E+01	NA	NA	**27.3536**	**NC**	**27,354**	**NC**
Chloroform	2.30E-05	1.95E-03	V	N	1	1.46E-01	1.25E-02	1.33E-02	1.33E-02	3.47E-03	3.47E-03	**0.0035**	**C**	**3.5**	**C**
Chloromethane	NA	9.00E-02	V	N	1	1.46E-01	1.25E-02	6.15E-01	6.15E-01	NA	NA	**0.6155**	**NC**	**615**	**NC**
Chrysene	6.00E-07	NA	N	M	3	1.46E-01	3.76E-02	NA	NA	4.43E-02	4.43E-02	**0.0443**	**C**	**44.3**	**C**
cis-1,2-Dichloroethene	NA	4.00E-02	V	N	1	1.46E-01	1.25E-02	2.74E-01	2.74E-01	NA	NA	**0.2735**	**NC**	**274**	**NC**
cis-1,3-Dichloropropene	4.00E-06	2.00E-02	V	N	1	1.46E-01	1.25E-02	1.37E-01	1.37E-01	1.99E-02	1.99E-02	**0.0199**	**C**	**19.9**	**C**
Creosol	NA	NA	N	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Dibenz(a,h)anthracene	6.00E-04	NA	N	M	3	1.46E-01	3.76E-02	NA	NA	4.43E-05	4.43E-05	**0.00004**	**C**	**0.044**	**C**
Dibromochloromethane (chlorodibromomethane)	NA	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Ethylbenzene	2.50E-06	1.00E+00	V	N	1	1.46E-01	1.25E-02	6.84E+00	6.84E+00	3.19E-02	3.19E-02	**0.0319**	**C**	**31.9**	**C**
Fluoranthene	NA	NA	N	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Fluorene	NA	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Freon 113 (1,1,2-Trichloro-1,2,2-trifluoroethane)	NA	5.00E+00	V	N	1	1.46E-01	1.25E-02	3.42E+01	3.42E+01	NA	NA	**34.1920**	**NC**	**34,192**	**NC**
Freon 114 (1,2-Dichlorotetrafluoroethane)	NA	NA	N	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Freon 12 (difluorodichloromethane)	NA	1.00E-01	V	N	1	1.46E-01	1.25E-02	6.84E-01	6.84E-01	NA	NA	**0.6838**	**NC**	**684**	**NC**
Hexachlorobutadiene	2.20E-05	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	3.63E-03	3.63E-03	**0.0036**	**C**	**3.6**	**C**
Indeno(1,2,3-cd)pyrene	6.00E-05	NA	N	M	3	1.46E-01	3.76E-02	NA	NA	4.43E-04	4.43E-04	**0.00044**	**C**	**0.44**	**C**
m,p-Cresol	NA	6.00E-01	N	N	1	1.46E-01	1.25E-02	4.10E+00	4.10E+00	NA	NA	**4.1030**	**NC**	**4,103**	**NC**
m,p-Xylenes	NA	1.00E-01	V	N	1	1.46E-01	1.25E-02	6.84E-01	6.84E-01	NA	NA	**0.6838**	**NC**	**684**	**NC**
Methylbiphenyl	NA	NA	N	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Methylene Chloride	1.00E-08	6.00E-01	V	M	3	1.46E-01	3.76E-02	4.10E+00	4.10E+00	2.66E+00	2.66E+00	**2.6594**	**C**	**2,659**	**C**
Naphthalene	3.40E-05	3.00E-03	V	N	1	1.46E-01	1.25E-02	2.05E-02	2.05E-02	2.35E-03	2.35E-03	**0.0023**	**C**	**2.3**	**C**
o-Cresol	NA	6.00E-01	N	N	1	1.46E-01	1.25E-02	4.10E+00	4.10E+00	NA	NA	**4.1030**	**NC**	**4,103**	**NC**
o-Xylene	NA	1.00E-01	V	N	1	1.46E-01	1.25E-02	6.84E-01	6.84E-01	NA	NA	**0.6838**	**NC**	**684**	**NC**
Phenanthrene	NA	NA	N	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Pyrene	NA	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Salicylaldehyde	NA	NA	N	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Styrene	NA	1.00E+00	V	N	1	1.46E-01	1.25E-02	6.84E+00	6.84E+00	NA	NA	**6.8384**	**NC**	**6,838**	**NC**
Tetrachloroethene	2.60E-07	4.00E-02	V	N	1	1.46E-01	1.25E-02	2.74E-01	2.74E-01	3.07E-01	3.07E-01	**0.2735**	**NC**	**274**	**NC**
Toluene	NA	5.00E+00	V	N	1	1.46E-01	1.25E-02	3.42E+01	3.42E+01	NA	NA	**34.1920**	**NC**	**34,192**	**NC**
trans-1,2-Dichloroethene	NA	4.00E-02	V	N	1	1.46E-01	1.25E-02	2.74E-01	2.74E-01	NA	NA	**0.2735**	**NC**	**274**	**NC**
trans-1,3-Dichloropropene	4.00E-06	2.00E-02	V	N	1	1.46E-01	1.25E-02	1.37E-01	1.37E-01	1.99E-02	1.99E-02	**0.0199**	**C**	**19.9**	**C**
Trichloroethene	4.10E-06	2.00E-03	V	M	3	1.46E-01	3.76E-02	1.37E-02	1.37E-02	6.49E-03	6.49E-03	**0.0065**	**C**	**6.5**	**C**
Trichlorofluoromethane	NA	NA	V	N	1	1.46E-01	1.25E-02	NA	NA	NA	NA	**NA**		**NA**	
Vinyl bromide	1.50E-05	3.00E-03	V	N	1	1.46E-01	1.25E-02	2.05E-02	2.05E-02	5.32E-03	5.32E-03	**0.0053**	**C**	**5.3**	**C**
Vinyl chloride	4.40E-06	5.11E-02	V	M	3	1.46E-01	3.76E-02	3.49E-01	3.49E-01	6.04E-03	6.04E-03	**0.0060**	**C**	**6.0**	**C**
Xylene (total)	NA	1.00E-01	V	N	1	1.46E-01	1.25E-02	6.84E-01	6.84E-01	NA	NA	**0.6838**	**NC**	**684**	**NC**