APPENDIX G2

PHASE II ESA

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October 2, 2025

Mr. Doug Grove
President
RHA Landscape Architects – Planners, Inc.
6840 Indiana Avenue, Suite 100
Riverside, California 92506

Re: CITADEL Project No. 2230.1002.0
Phase II Subsurface Investigation Report
8421 San Luis Potosi Place
Pico Rivera, California 90660

Dear Mr. Grove:

Enclosed please find Citadel EHS's Phase II Subsurface Investigation Report (Report) for the above-referenced location.

The Report was prepared on behalf of RHA Landscape Architects – Planners, Inc. (Client), in accordance with Citadel's Proposal 2230.1002.P (Proposal), dated May 21, 2025, and a mutually agreed upon scope of work.

If, after your review, you have any questions or require additional information, please do not hesitate to telephone me at the Citadel Office at (818) 246-2707.

Sincerely,
CITADEL EHS

Doug Whichard

Doug Whichard
Senior Scientist, Engineering and Environmental Sciences

Enclosure

CITADEL EHS

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RHA Landscape Architects – Planners, Inc.
6840 Indiana Avenue, Suite 100
Riverside, California 92506

Phase II Subsurface Investigation Report

October 2, 2025

Project Number 2230.1002.0

8421 San Luis Potosi Place
Pico Rivera, California, 90660

www.CitadelEHS.com

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1.0 INTRODUCTION

On behalf of RHA Landscape Architects – Planners, Inc. (RHA; Client), Citadel EHS (Citadel) has prepared this Phase II Subsurface Investigation Report (Report) describing site investigation activities for the property located at 8421 San Luis Potosi Place in the City of Pico Rivera, California (Site; Figure 1).

The Report was prepared in accordance with Citadel's Phase II Subsurface Investigation Proposal, dated May 21, 2025 (Citadel, 2025).

Site Background

The Site consists of two one-story buildings, playground, baseball field, open space, and associated landscaping on approximately 12.51 acres of land.

According to the City of Pico Rivera (City), the Rio Hondo Park Project includes the renovation of some of the existing features at the Site in addition to constructing new facilities and amenities for the community. The City has indicated that the backfill under the existing baseball diamond and surrounding area may contain contaminated soil. Citadel reviewed historical aerial photos[1] of the Site and observed that the west and north sides of the Site (including the ball field area) were formerly part of the Rio Hondo Creek (Creek) flood plain prior to development of the Site. The suspected backfill material was most likely used in this area to raise the Site elevation above the Creek.

The extent of the contamination is unknown but may extend to a depth of at least eight feet below ground surface (bgs). The purpose of the Phase II investigation was to delineate the lateral and vertical extents of backfill material that reportedly contains trash and debris.

2.0 GEOLOGY/HYDROGEOLOGY

Based on the North American Datum (NAD) of 1983, the Site is at an elevation of approximately 180 feet above mean sea level. The Site is identified on the geologic map of El Monte and Baldwin Park quadrangles, Los Angeles County, California (Dibblee and Ehrenspeck, 1991) as being alluvial gravel, sand, and silt of valleys and floodplains. The United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) National Cooperative Soil Survey identifies the Site soils as Urban land-Hueneme, drained-San Emigdio complex. The Hueneme soils are described as sandy loam, loamy fine sand, very fine sandy loam, silt loam, and loamy sand with very high runoff.

Based on available records from the State Water Resources Control Board's GeoTracker online database, groundwater was encountered within a range of approximately 26 to 29 feet bgs at a property located approximately 0.22 miles northeast of the Site at the La Mesa Service Station (Global ID Number T0603705501; Los Angeles Regional Water Control Board [LARWQCB, 2000]).

[1] Aerial photos available on the website www.historicalaerials.com were used to identify the flood plain limits with areas of potential backfill between 1948 and 1953.

3.0 SUBSURFACE INVESTIGATION

Pre-Field Activities

A site-specific Health and Safety Plan (HASP) was prepared prior to mobilizing to the Site to begin drilling and sampling activities. This HASP identified existing and potential hazards for workers at the Site during drilling and sampling activities. Examples of hazards include slips, falls, heat, noise, contaminated soil and soil vapor, injuries related to operation of hand tools and heavy equipment, and moving vehicles. A copy of the HASP is included as Appendix A.

Prior to field activities, Citadel marked the proposed boring locations and contacted Underground Surface Alert (USA) for a drilling ticket to identify underground utilities within the proposed sampling areas. This was followed by a contracted geophysical surveyor to identify and clear the area around the proposed boring locations for underground utilities and other subsurface anomalies that may be present. A subsurface electrical line was identified in the scanned area and boring B-5 was relocated approximately 5 feet south as a result of the scan. A copy of the Dig Alert ticket is presented as Appendix B. A copy of the geophysical scan summary report is presented as Appendix C. The boring locations are shown in Figure 2.

Field Activities

On September 3, 2025, under Citadel's oversight, J. & H. Drilling Co., Inc. dba M R Drilling (MR), a C-57 licensed drilling contractor, advanced six borings (B-1 through B-6) each to a depth of approximately 15.5 feet bgs (Figure 2). The upper 5 feet of each boring was cleared using a hand auger to confirm the absence of potential subsurface utilities or structures. The remaining portion of each boring was advanced using a direct-push technology (DPT) drill rig.

Soil Sampling

During hand clearing and drilling, grab soil samples from each boring were logged using the Unified Soil Classification System (USCS) and field screened for volatile organic compounds (VOCs) and landfill gases, including methane, using a hand-held multi-gas detector. VOCs and methane were not detected at any of the borings.

At each boring, Citadel collected soil samples from approximately 5, 10, and 15 feet bgs in acetate sleeves. All reusable sampling equipment, such as the hand auger and drill rods, were decontaminated between sample intervals. The samples were stored in a chilled cooler for transportation to Pace Analytical (Pace), a State-certified laboratory located in Signal Hill, California, under chain of custody (COC) procedures.

The soil samples were analyzed for VOCs by United States Environmental Protection Agency (USEPA) Method 8260B, total petroleum hydrocarbons (TPH) full range by USEPA Method 8015M, and Title 22 Metals by USEPA Methods 6010B/7471A. Refer to Appendix D for the boring logs.

Soil Vapor Sampling

Following the collection of soil samples, temporary soil vapor probes were installed in each boring at approximate depths of 5 feet bgs and 15 feet bgs. Soil vapor probes were installed in accordance with the methods and procedures outlined in the Department of Toxic Substances Control (DTSC) *Advisory – Active Soil Gas Investigations* (Advisory; DTSC, 2015). The soil vapor probes were constructed using ¼-inch diameter Teflon™ tubing, fitted with a soil vapor probe tip installed at the target depth, with a three-way valve at the surface. The annulus surrounding each probe was filled with #2/12 Monterey sand to six inches above and below the probe, followed by an approximately 1-foot thick layer of dry granulated bentonite, and a layer of hydrated bentonite chips to either the base of the sand pack above or ground surface.

A minimum of 48 hours following probe installation, each probe was measured for pressure using a manometer and measured for VOCs and methane using a multi-gas meter capable of detecting methane from 0% to 100% lower explosive limit (LEL). Measured pressures ranged from -0.05 inches of water column (in. w.c.) at probe B-6-15 to 0.05 in. w.c. in probe B-2-15. Total VOCs ranged from 0 parts per million by volume (ppm_v)to 2.0 ppm_v at probes B-3-15 and B-5-15. Methane was not detected in any of the probes.

Soil vapor samples were collected from each probe in accordance with the Advisory. Prior to soil vapor sample collection, a shut-in test was conducted, the probes, fittings and tubing were tested for leaks using 1,1-diflourethane (1,1-DFA) as a tracer liquid placed near all surface fittings, and the probes were purged of at least three soil pore volumes (volumes of tubing, sand pack and dry annular bentonite). Following purging, soil vapor samples were collected into 1-liter SUMMA® canisters, equipped with 200 milliliter per minute (mL/min) flow controllers, provided by the analytical laboratory. The soil vapor samples were labeled and transported under standard COC protocols to Pace for analysis of VOCs by USEPA Method TO-15 and fixed gases, including methane, by American Society for Testing and Materials (ASTM) Method D1946. Refer to Appendix E for the soil vapor sampling log.

Following the collection of field measurements and soil vapor samples, each of the soil gas probes was abandoned in accordance with the Advisory and the surface of each location was patched to match the surrounding grade.

Investigation-Derived Waste

Investigation-derived waste (IDW) produced during field activities included soil cuttings from hand auger and drilling operations. IDW was stored temporarily at the City of Pico Rivera Maintenance Yard in one properly labeled in a 55-gallon steel drum pending waste characterization profiling. The IDW will be transported to an appropriate disposal facility and disposed of in accordance with applicable laws and regulations. Manifests documenting the transportation and disposal of the IDW will be provided once received from the transporter.

4.0 LABORATORY ANALYTICAL RESULTS

Soil Results

Reported soil results were compared to the DTSC modified screening levels (SLs; DTSC, 2025) followed by the USEPA Regional Screening Levels (RSLs; USEPA, 2024) for commercial/industrial land use. TPH was compared to the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) environmental screening levels (ESLs) for the construction worker scenario (Construction Worker ESLs; SFBRWQCB, 2025).

Laboratory results are presented in Table 1 and Table 2 and are summarized below. Refer to Appendix F for the laboratory reports.

Eighteen soil samples were analyzed for VOCs, TPH, and Title 22 Metals. A summary of the soil sample results is as follows:

Metals

- A total of 13 metals were reported in the soil samples analyzed, including arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, vanadium, and zinc at concentrations below the applicable SLs, except for arsenic.
- Arsenic was reported in each of the 18 soil samples at concentrations ranging from 1.2 milligrams per kilogram (mg/kg) to 4.8 mg/kg, which is above the commercial/industrial SL of 0.13 mg/kg, but below the accepted Southern California Background Metals in Soil level of 12 mg/kg.

VOCs

- No VOCs were detected in the soil samples analyzed above the laboratory reporting limits.

TPH

- TPH in the gasoline range (TPHg) was not reported in any of soil samples analyzed.
- TPH in the diesel range (TPHd) was reported in 15 out of 18 soil samples, at concentrations ranging from 1.0 mg/kg (B-6-10) to 2.8 mg/kg (B-3-5), which is well below the Construction Worker ESL of 210 mg/kg.
- TPH in the motor oil range (TPHmo) was reported in four out of 18 soil samples, at concentrations ranging from 2.7 mg/kg (B-6-5) to 10 mg/kg (B-3-5), which is well below the Construction Worker ESL of 54,000 mg/kg.

Soil Vapor Results

Reported soil vapor results were compared to the DTSC SLs followed by the USEPA RSLs for commercial/industrial land use (Commercial VI SLs), with an attenuation factor of 0.03 applied.

Laboratory results are presented in Table 3 and Table 4 and are summarized below. Refer to Appendix F for the laboratory reports.

Twelve soil vapor samples were analyzed for VOCs and fixed gases. A summary of the soil vapor sample results is as follows:

VOCs

- 1,2-Dibromoethane was reported in one soil vapor sample (B-1-5) at a concentration of 2.5 micrograms per cubic meter (µg/m³), which is above the Commercial VI SL of 0.67 µg/m³. The 1,2-dibromoethane detection was J-flagged by the laboratory as an estimated value.
- The leak check compound 1,1-DFA was reported in four soil vapor samples (B-1-5, B-1-15, B-2-5, and B-2-15) at concentrations ranging from 1.5 µg/m³ to 2.6 µg/m³. The 1,1-DFA detections were each J-flagged by the laboratory as estimated values.
- Other VOCs were reported above the laboratory reporting limit, but were either detected below their respective Commercial VI SL or there is no established Commercial VI SL and the compound is not anticipated to be a driver for further investigation.

Fixed Gases

- Methane was reported in each of the soil vapor samples at concentrations ranging from 0.00025% (B-3-5) to 0.016% (B-1-15), which is well below the lower explosive limit (LEL) of 5%.

5.0 FINDINGS AND RECOMMENDATIONS

On September 3 and 5, 2025, Citadel advanced six borings across the site for the collection of soil and soil vapor samples.

Eighteen soil samples were analyzed for VOCs, TPH full range, and Title 22 Metals. No VOCs were detected in soil samples above the laboratory reporting limit. TPHd and TPHmo were reported in soil samples below respective SLs. Metals were reported below the applicable SLs, except for arsenic. Arsenic was reported in each of the soil samples above the Commercial SL and Construction Worker ESL, but below the Southern California Background Metals in Soil level.

Twelve soil vapor samples were analyzed for VOCs and fixed gases. VOCs were reported below the Commercial VI SLs, except for 1,2-dibromoethane at one sample location (B-1-5).

Methane was reported in each of the soil vapor samples at concentrations ranging from 0.00025% to 0.010%, well below the LEL of 5%.

The leak check compound 1,1-DFA was reported in four soil vapor samples (B-1-5, B-1-15, B-2-5, and B-2-15) at concentrations ranging from 1.5 µg/m³ to 2.6 µg/m³, indicating small leaks in each of the samples. The leaks indicate ambient air may have entered the sampling train and the soil vapor results at those locations may be biased low.

The presence of VOCs and methane in soil vapor samples may indicate the potential presence of a near surface source, such as impacts from the historic fill material. However, an off-Site source for VOCs cannot be ruled out.

Prior to construction activities, Citadel recommends the preparation of a Soil Management Plan (SMP) for the Site. The purpose of the SMP is to define specific soil-handling controls required for complying with local, State, and Federal regulations; the appropriate response upon potential discovery of underground tanks, piping, or contaminated soil; prevent unacceptable human exposure to contaminated soil and soil vapor; and prevent the improper use, re-use, or disposal of potentially contaminated soils.

6.0 REFERENCES

California State Water Resources Control Board Geotracker Database, 1999. Underground Storage Tank Case Review Form, Former La Mesa Service Station, 8540 Beverly Blvd., Pico Rivera, CA 92660, Project No. 99-032. June.

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Department of Toxic Substances Control (DTSC), 2015. Advisory – Active Soil Gas Investigations. July.

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Dibblee, T.W., and Ehrenspeck, H.E., ed., 1991, Geologic Map of the El Monte and Baldwin Park Quadrangles, Los Angeles County, California: Dibblee Geological Foundation, Dibblee Foundation Map DF-30, scale 1:24,000.

Los Angeles Regional Water Quality Control Board (LARWQCB), 2000. Underground Storage Tank Case Review Form. Former La Mesa S.S. 8540 Beveryly Blvd. Pico Rivera, CA 90660. May 30.

National Oceanic and Atmospheric Administration, 1983. North American Datum of 1983.

San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), 2025. Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker: Any Land Use/Any Depth Soil Exposure Environmental Screening Level (ESL). July (Rev. 3).

United States Environmental Protection Agency (USEPA), 2024. Regional Screening Levels (RSLs) Summary Table. November.

United States Department of Agriculture, National Resources Conservation Service, Web Soil Survey (http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx).

7.0 LIMITATIONS

This Phase II Subsurface Investigation was performed in accordance with generally and currently accepted engineering practices and principles. Although the data in this report is indicative of subsurface conditions in areas investigated, no further conclusions regarding the absence or presence of subsurface contamination at the Site should be construed or inferred other than those expressly stated in this report. The conclusions made are based on information obtained from field observations, and from relevant Federal, State, regional, and local agencies.

8.0 SIGNATURES

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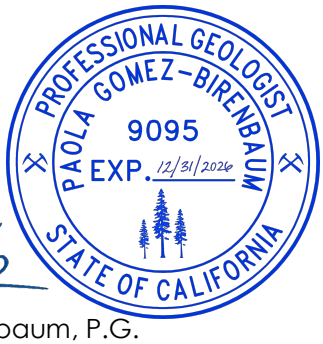

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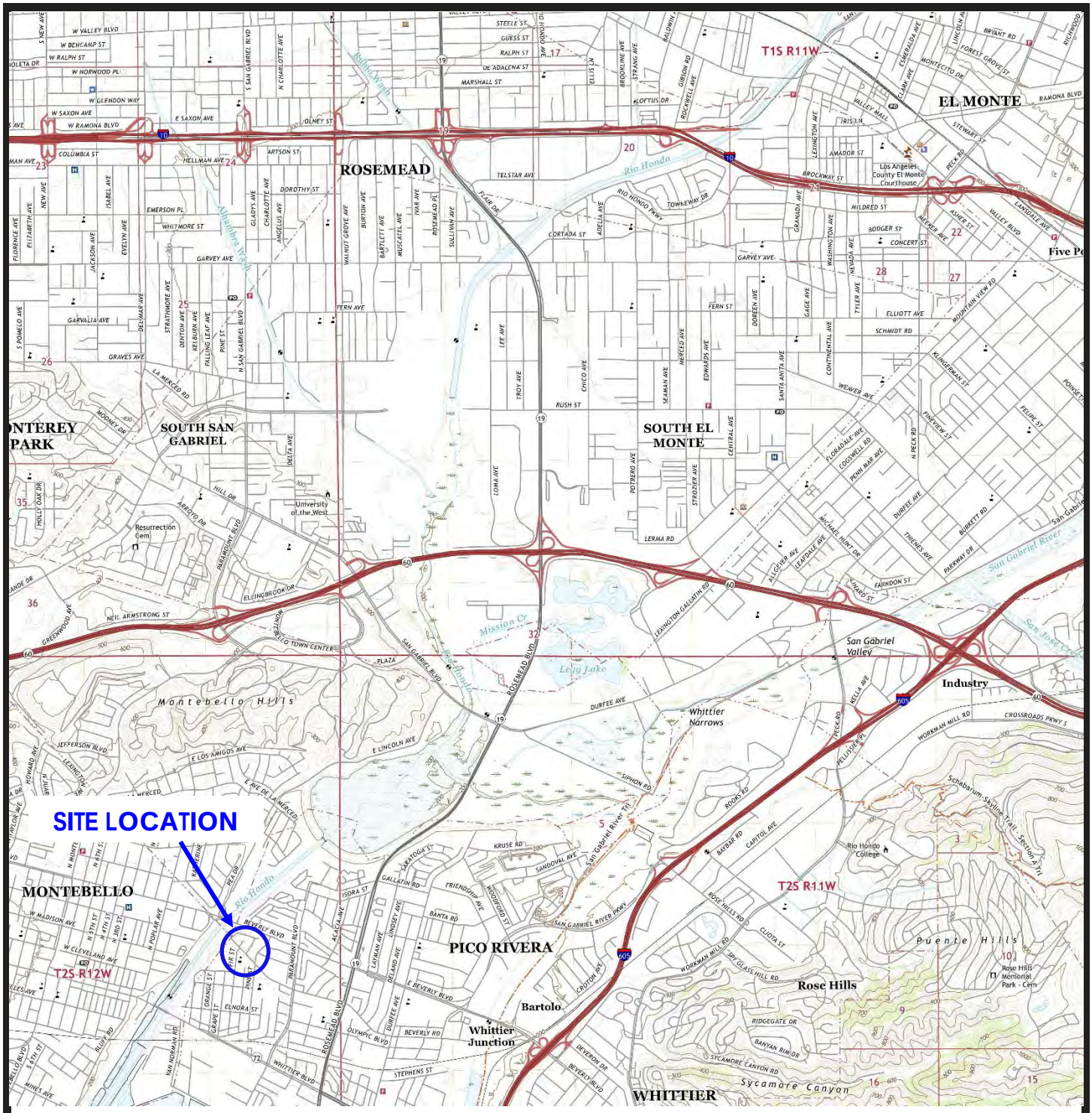
Figures



Source: USGS, El Monte Quadrangle, 7.5 Minute Series (2022)

Not to Scale

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RHA Landscape Architects-Planners, Inc.

Rio Hondo Park
8421 San Luis Potosi
Pico Rivera, California

Figure 1

PROJECT NO.: 2230.1002.0

DATE: SEPTEMBER 2025

Site Location Map



AREA OF SUSPECTED FILL MATERIAL

BORING LOCATIONS

N

Source: Google Earth (2022)

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Rio Hondo Park
8421 San Luis Potosi
Pico Rivera, California

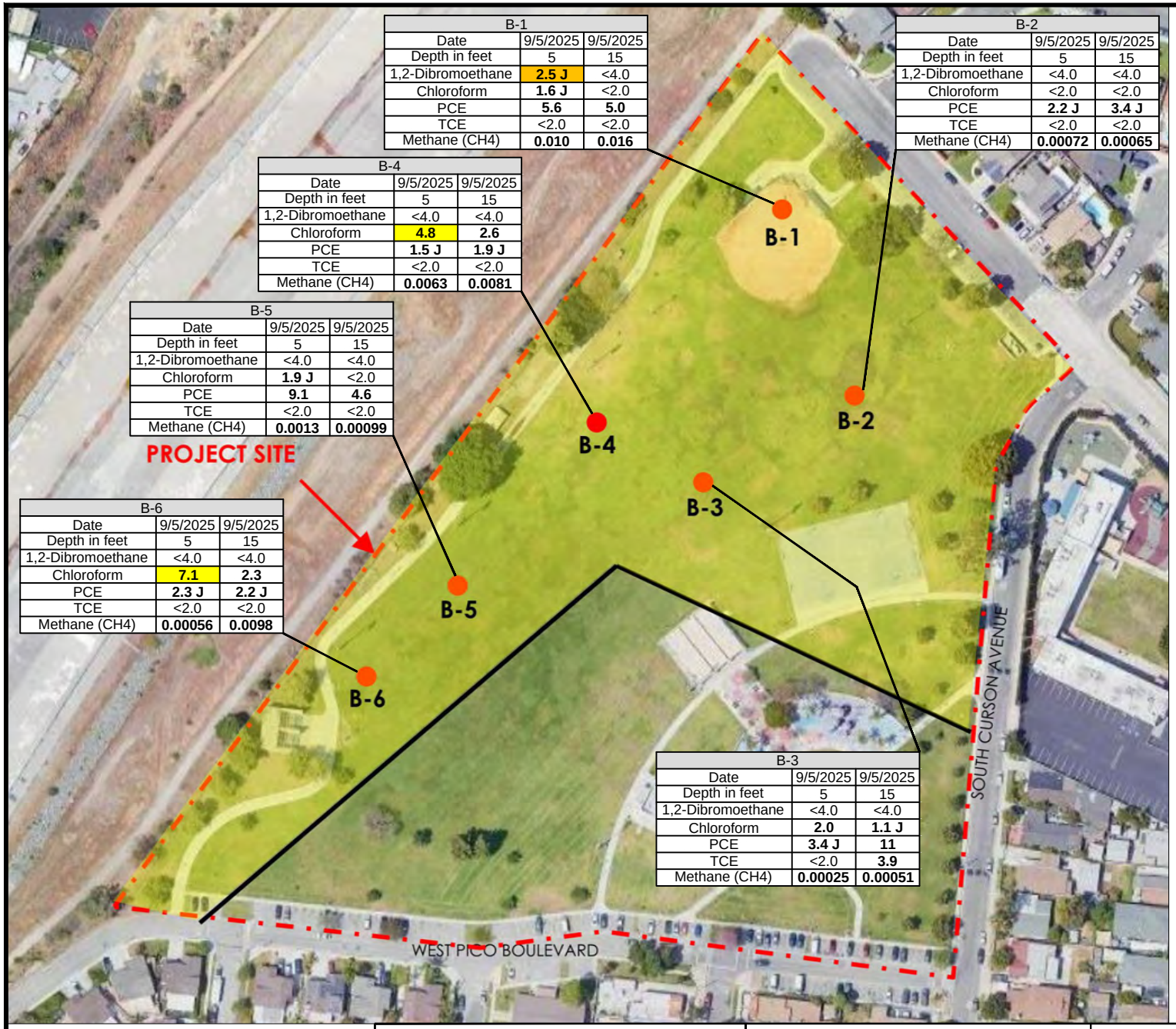
Figure 2

PROJECT NO.:2230.1002.0

DATE: SEPTEMBER 2025

Site Plan

Fig 3 VOCs And Methane - 09/24/2025



B-1		
Date	9/5/2025	9/5/2025
Depth in feet	5	15
1,2-Dibromoethane	**2.5 J**	<4.0
Chloroform	**1.6 J**	<2.0
PCE	**5.6**	**5.0**
TCE	<2.0	<2.0
Methane (CH4)	**0.010**	**0.016**

B-2		
Date	9/5/2025	9/5/2025
Depth in feet	5	15
1,2-Dibromoethane	<4.0	<4.0
Chloroform	<2.0	<2.0
PCE	**2.2 J**	**3.4 J**
TCE	<2.0	<2.0
Methane (CH4)	**0.00072**	**0.00065**

B-4		
Date	9/5/2025	9/5/2025
Depth in feet	5	15
1,2-Dibromoethane	<4.0	<4.0
Chloroform	**4.8**	**2.6**
PCE	**1.5 J**	**1.9 J**
TCE	<2.0	<2.0
Methane (CH4)	**0.0063**	**0.0081**

B-5		
Date	9/5/2025	9/5/2025
Depth in feet	5	15
1,2-Dibromoethane	<4.0	<4.0
Chloroform	**1.9 J**	<2.0
PCE	**9.1**	**4.6**
TCE	<2.0	<2.0
Methane (CH4)	**0.0013**	**0.00099**

B-6		
Date	9/5/2025	9/5/2025
Depth in feet	5	15
1,2-Dibromoethane	<4.0	<4.0
Chloroform	**7.1**	**2.3**
PCE	**2.3 J**	**2.2 J**
TCE	<2.0	<2.0
Methane (CH4)	**0.00056**	**0.0098**

B-3		
Date	9/5/2025	9/5/2025
Depth in feet	5	15
1,2-Dibromoethane	<4.0	<4.0
Chloroform	**2.0**	**1.1 J**
PCE	**3.4 J**	**11**
TCE	<2.0	**3.9**
Methane (CH4)	**0.00025**	**0.00051**

LEGEND

- AREA OF SUSPECTED FILL MATERIAL
- BORING LOCATION
- **3.4** **BOLD** ANALYTE DETECTED ABOVE THE LABORATORY REPORTING LIMIT
- **<** ANALYTE NOT DETECTED AT OR ABOVE GIVEN LABORATORY REPORTING LIMIT
- **7.1** EXCEEDS THE RESIDENTIAL SCREENING LEVEL
- **2.5** EXCEEDS THE COMMERCIAL/ INDUSTRIAL SCREENING LEVEL
- **J** ESTIMATED VALUE
- PCE TETRACHLOROETHENE
- TCE TRICHLOROETHENE

Notes:

1. 1,2-Dibromoethane, Chloroform, PCE, and TCE results shown in milligrams per cubic meter.
2. Methane results shown in percent by volume.

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RIO HONDO PARK
8421 SAN LUIS POTOSI
PICO RIVERA, CALIFORNIA

VOLATILE ORGANIC COMPOUNDS AND METHANE IN SOIL VAPOR

PROJECT NO.	DATE	DRAWN BY:	APP. BY:
2230.1002.0	09/2025	EC	AC

0 160 320
SCALE: 1" = 160'

N

FIGURE 3

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Tables

Table 1
Summary of Metal Analytical Results in Soil
8421 San Luis Potosi Place
Pico Rivera, California

Sample ID	Sample Depth (feet bgs)	Sample Date	Arsenic[Note 1]	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc
			milligrams per kilogram (mg/kg)												
B-1-5	5	09/03/25	**1.4**	**40**	0.13 J	0.055 J	**9.6**	**3.6**	**5.0**	1.3 J	0.089 J	0.30 J	**5.2**	**16**	**20**
B-1-10	10	09/03/25	**1.3**	**36**	0.12 J	<0.50	**8.2**	**3.5**	**6.3**	1.3 J	0.037 J	0.31 J	**5.4**	**19**	**20**
B-1-15	15	09/03/25	**2.7**	**67**	0.22 J	0.11 J	**12**	**5.6**	**12**	1.9 J	0.053 J	0.33 J	**8.8**	**27**	**32**
B-2-5	5	09/03/25	**3.0**	**60**	0.16 J	0.090 J	**12**	**4.8**	**9.3**	1.6 J	0.039 J	0.90 J	**7.7**	**23**	**27**
B-2-10	10	09/03/25	**1.2**	**47**	0.14 J	0.079 J	**12**	**4.1**	**8.1**	1.6 J	0.034 J	1.3 J	**6.7**	**19**	**23**
B-2-15	15	09/03/25	**2.4**	**59**	0.19 J	0.14 J	**12**	**5.2**	**12**	**4.0**	0.13 J	0.21 J	**8.5**	**28**	**34**
B-3-5	5	09/03/25	**2.0**	**94**	0.23 J	0.14 J	**18**	**6.7**	**15**	**2.6**	0.096 J	0.27 J	**11**	**35**	**35**
B-3-10	10	09/03/25	**1.2**	**35**	0.11 J	<0.50	**8.3**	**2.7**	**5.1**	1.1 J	0.088 J	0.69 J	**4.4**	**15**	**16**
B-3-15	15	09/03/25	**2.1**	**53**	0.15 J	0.065 J	**9.0**	**4.2**	**8.0**	1.4 J	0.039 J	0.23 J	**6.3**	**20**	**25**
B-4-5	5	09/03/25	**2.2**	**73**	0.21 J	0.099 J	**12**	**5.0**	**12**	**2.5**	0.030 J	0.25 J	**8.8**	**24**	**30**
B-4-10	10	09/03/25	**4.8**	**93**	0.23 J	0.15 J	**21**	**6.1**	**19**	**2.9**	0.086 J	1.0 J	**13**	**35**	**34**
B-4-15	15	09/03/25	**1.3**	**33**	0.12 J	<0.50	**7.5**	**3.1**	**6.0**	1.6 J	0.070 J	0.21 J	**4.8**	**16**	**20**
B-5-5	5	09/03/25	**3.6**	**94**	0.21 J	0.14 J	**15**	**7.5**	**16**	2.3 J	0.037 J	0.14 J	**12**	**32**	**43**
B-5-10	10	09/03/25	**1.8**	**33**	0.11 J	<0.50	**10**	**4.2**	**8.7**	1.3 J	0.039 J	1.2 J	**6.4**	**20**	**18**
B-5-15	15	09/03/25	**1.4**	**40**	0.12 J	<0.50	**6.5**	**3.5**	**6.7**	1.3 J	0.044 J	0.079 J	**5.1**	**16**	**20**
B-6-5	5	09/03/25	**2.0**	**41**	0.14 J	0.082 J	**9.8**	**4.0**	**7.3**	1.4 J	0.026 J	0.12 J	**6.9**	**21**	**22**
B-6-10	10	09/03/25	**1.2**	**35**	0.14 J	0.066 J	**7.9**	**3.6**	**6.2**	1.3 J	0.033 J	0.21 J	**5.3**	**16**	**19**
B-6-15	15	09/03/25	**2.1**	**33**	0.13 J	0.056 J	**5.9**	**2.8**	**4.3**	1.1 J	0.023 J	0.41 J	**4.0**	**14**	**17**
Commercial/Industrial SLs[Note 2]			0.13	220,000	2.3	100	--	350	47,000	500	2.9	5,800	11,000	5,800	350,000
SFRWQCB Construction Worker ESLs[Note 3]			1.1	2,200	22	19	--	22	14,000	150	0.65	1,500	63	370	110,000
Southern California Background Metals in Soil			12	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

Title 22 Metals analyzed by United States Environmental Protection Agency (USEPA) Method 6010B/7471A.

Bold font indicates analyte detected above the laboratory reporting limit.

Orange highlighted values exceed the commercial/industrial screening level.

< = Analyte not detected at or above given laboratory reporting limit.

-- = No regulatory criterion.

J = Estimated Value.

bgs = below ground surface.

Note 1 = Arsenic concentrations were compared to the published background concentrations for soil, instead of SLs and RSLs.

Note 2 = In order of priority, the Commercial/Industrial SL represents the DTSC-modified screening level (DTSC, 2025) followed by USEPA Regional Screening Level (RSL; USEPA, 2024).

Note 3 = San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL; SFRWQCB, 2025).

References:

Department of Toxic Substances Control (DTSC), 2025. Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC SLs). Human and Ecological Risk Office (HERO). April.

United States Environmental Protection Agency (USEPA), 2024. Regional Screening Levels (TR=1E-06, HQ=1). November.

San Francisco Bay Regional Water Quality Control Board, 2025. Environmental Screening Levels. July (Rev. 3).

Southern California Background Metals in Soil = Bradford, G.R., Chang, A.C., Page, A.L., Bakhtar, D., Frampton, J.A., and Wright, H., 1996, Background Concentrations of Trace and Major Elements in California Soils.

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Table 2
Summary of Volatile Organic Compound Analytical Results in Soil
8421 San Luis Potosi Place
Pico Rivera, California

Sample ID	Sample Depth (feet bgs)	Sample Date	Volatile Organic Compounds (VOCs)									Total Petroleum Hydrocarbons (TPH)		
			1,2-Dibromoethane	Benzene	Chloroform	cis-1,2-DCE	Ethylbenzene	PCE	Toluene	Total Xylenes	TCE	TPHg	TPHd	TPHmo
			milligrams per kilogram (mg/kg)											
B-1-5	5	09/03/25	<0.0050	0.0011 J	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	<1.0	<2.0
B-1-10	10	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	0.91 J	<2.0
B-1-15	15	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**1.6**	<2.0
B-2-5	5	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**1.6**	**3.2**
B-2-10	10	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**1.2**	1.2 J
B-2-15	15	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	<1.0	<2.0
B-3-5	5	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**2.8**	**10**
B-3-10	10	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**2.1**	**3.6**
B-3-15	15	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**1.4**	<2.0
B-4-5	5	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**1.7**	<2.0
B-4-10	10	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**1.3**	<2.0
B-4-15	15	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**1.4**	<2.0
B-5-5	5	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**1.6**	1.7 J
B-5-10	10	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**1.5**	<2.0
B-5-15	15	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**1.2**	<2.0
B-6-5	5	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**1.7**	**2.7**
B-6-10	10	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**1.0**	<2.0
B-6-15	15	09/03/25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.20	**1.5**	<2.0
Commercial/Industrial SLs[Note 1]			0.16	1.4	1.4	370	25	2.7	7,300	2,500	6.0	--	--	--
SFRWQCB Construction Worker ESLs[Note 2]			0.91	8.0	5.0	85	140	17	1,600	550	4.2	480	210	54,000

Notes:
VOCs analyzed by United States Environmental Protection Agency (USEPA) Method 8260B.
TPH full range analyzed by USEPA Method 8015M.
Bold font indicates analyte detected above the laboratory reporting limit.
< = Analyte not detected at or above given laboratory reporting limit.
-- = No regulatory criterion.
J = Estimated Value.
bgs = below ground surface.
DCE = Dichloroethene.
PCE = Tetrachloroethene.
TCE = Trichloroethene.
TPHg = Total Petroleum Hydrocarbons Gasoline Range Organics (C4-C10).
TPHd = Total Petroleum Hydrocarbons Diesel Range Organics (C10-C28).
TPHmo = Total Petroleum Hydrocarbons Motor Oil Range Organics (C28 - C40).
Note 1 = In order of priority, the Commercial/Industrial SL represents the DTSC-modified screening level (DTSC, 2025) followed by USEPA Regional Screening Level (RSL; USEPA, 2024).
Note 2 = San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL; SFRWQCB, 2025).

References:
Department of Toxic Substances Control (DTSC), 2025. Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC SLs). Human and Ecological Risk Office (HERO). April.
United States Environmental Protection Agency (USEPA), 2024. Regional Screening Levels (TR=1E-06, HQ=1). November.
San Francisco Bay Regional Water Quality Control Board, 2025. Environmental Screening Levels. July (Rev. 3).

Table 3
Summary of Volatile Organic Compound and Fixed Gas Analytical Results in Soil Vapor
8421 San Luis Potosi Place
Pico Rivera, California

			Volatile Organic Compounds (VOCs)										Fixed Gases			
Sample ID	**Sample Depth** (feet bgs)	**Sample Date**	**1,1-Difluoroethane (LCC)**	**1,2-Dibromoethane**	**Benzene**	**Chloroform**	**cis-1,2-DCE**	**Ethylbenzene**	**PCE**	**Toluene**	**Total Xylenes**	**TCE**	**Carbon Dioxide**	**Methane**	**Nitrogen**	**Oxygen**
			micrograms per cubic meter (µg/m³)										% by volume			
B-1-5	5	09/05/25	1.5 J	**2.5 J**	<2.0	1.6 J	<2.0	**4.2**	**5.6**	**12**	**26**	<2.0	**3.4**	**0.010**	**78**	**19**
B-1-15	15	09/05/25	1.6 J	<4.0	0.96 J	<2.0	<2.0	**2.0**	**5.0**	**16**	**13**	<2.0	**3.7**	**0.016**	**77**	**19**
B-2-5	5	09/05/25	<6.0	<4.0	<2.0	<2.0	<2.0	**2.0**	2.2 J	**9.4**	**12**	<2.0	**4.5**	**0.00072**	**77**	**19**
B-2-15	15	09/05/25	<6.0	<4.0	<2.0	<2.0	<2.0	**3.1**	3.4 J	**13**	**13**	<2.0	**5.1**	**0.00065**	**77**	**18**
B-3-5	5	09/05/25	<6.0	<4.0	<2.0	**2.0**	<2.0	1.9 J	3.4 J	**9.3**	**12**	<2.0	**1.6**	**0.00025**	**77**	**21**
B-3-15	15	09/05/25	2.1 J	<4.0	<2.0	1.1 J	**3.4**	1.7 J	**11**	**11**	**12**	**3.9**	**2.5**	**0.00051**	**78**	**19**
B-4-5	5	09/05/25	<6.0	<4.0	<2.0	**4.8**	<2.0	1.1 J	1.5 J	**10**	**6.4**	<2.0	**2.4**	**0.0063**	**78**	**20**
B-4-15	15	09/05/25	<6.0	<4.0	1.0 J	**2.6**	<2.0	**2.5**	1.9 J	**18**	**12**	<2.0	**3.4**	**0.0081**	**78**	**19**
B-5-5	5	09/05/25	<6.0	<4.0	0.70 J	1.9 J	<2.0	1.7 J	**9.1**	**13**	**11**	<2.0	**7.1**	**0.0013**	**77**	**16**
B-5-15	15	09/05/25	2.6 J	<4.0	**2.9**	<2.0	<2.0	**3.0**	**4.6**	**16**	**17**	<2.0	**5.4**	**0.00099**	**79**	**15**
B-6-5	5	09/05/25	<6.0	<4.0	1.7 J	**7.1**	<2.0	1.6 J	2.3 J	**11**	**8.9**	<2.0	**6.5**	**0.00056**	**77**	**16**
B-6-15	15	09/05/25	<6.0	<4.0	<2.0	**2.3**	<2.0	1.1 J	2.2 J	**9.9**	**8.1**	<2.0	**5.8**	**0.0098**	**78**	**16**
Commercial/Industrial Vapor Intrusion SL (AF = 0.03)[Note 1]			6,000,000	0.67	14	18	6,000	160	67	60,000	15,000	100	--	--	--	--

Notes:

VOCs analyzed by United States Environmental Protection Agency (USEPA) Method TO-15. Methane and fixed gases analyzed by American Society for Testing and Materials (ASTM) D1946.

Bold font indicates analyte detected above the laboratory reporting limit.

Orange highlighted values exceed the commercial/industrial screening level.

< = Analyte not detected at or above given laboratory reporting limit.

-- = No regulatory criterion.

J = Estimated Value.

LCC = leak check compound.

DCE = Dichloroethene.

PCE = Tetrachloroethene.

TCE = Trichloroethene.

Lab note: detection and quantitation limits are raised due to sample dilution for each analyzed soil vapor sample.

Note 1 = In order of priority, the Commercial/Industrial Vapor Intrusion SL represents the DTSC-modified screening level (DTSC, 2025) followed by the USEPA Regional Screening Level (RSL; USEPA, 2024). The soil vapor screening level is calculated by dividing the air screening level by the USEPA default attenuation factor (AF) of 0.03.

References:

Department of Toxic Substances Control (DTSC), 2025. Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC SLs). Human and Ecological Risk Office (HERO). April.

United States Environmental Protection Agency (USEPA), 2024. Regional Screening Levels (TR=1E-06, HQ=1). November.

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Table 4
Summary of Other VOCs in Soil Vapor
8421 San Luis Potosi Place, Pico Rivera, California

Analyte	Maximum Detected Concentration ($\mu g/m^3$)	Residential Soil Vapor SLs [Note 1,2] ($\mu g/m^3$)	Commercial/Industrial Soil Vapor SLs [Note 1,2] ($\mu g/m^3$)
1,2,3-Trimethylbenzene	1.6 J	2,100	8,700
1,2,4-Trimethylbenzene	6.6	2,100	8,700
1,3,5-Trimethylbenzene	1.5 J	2,100	8,700
1-Ethyl-4-methylbenzene	2.6	--	--
Acetone	42	--	--
Carbon Disulfide	7.8	24,000	100,000
Chlorodifluoromethane	5.4	1,700,000	7,300,000
Cyclohexane	2.0	210,000	870,000
Dichlorodifluoromethane	4.7	3,300	15,000
Ethanol	150	--	--
Ethyl acetate	2.8	2,400	10,000
Hexane	2.3	24,000	100,000
Isopropyl alcohol	37	7,000	29,000
Methyl ethyl ketone	16	170,000	730,000
Methyl isobutyl ketone	3.1	100,000	430,000
Methylene chloride	15	3,300	400
n-Decane	12	--	--
n-Nonane	4.8	700	2,900
n-Octane	2.1	--	--
o-Xylene	6.3	3,300	15,000
p- & m-Xylenes	19	3,300	15,000
p-Cymene	11	1,400	6,000
Propylene	8.0	1,000,000	430,000
Styrene	1.1 J	33,000	130,000
Tetrahydrofuran	4.1	70,000	290,000
Trichlorofluoromethane	1.5 J	--	180,000

Notes:

-- = No published value.

J = Estimated Value.

VOCs = Volatile Organic Compounds.

$\mu g/m^3$ = Micrograms per cubic meter.

SL = Screening Level.

DTSC = Department of Toxic Substances Control.

USEPA = United States Environmental Protection Agency.

[1] The screening level represents the DTSC SLs. If the SL was not available, USEPA RSLs were used.

[2] The soil vapor screening levels are based on the USEPA default attenuation factor of 0.03 (USEPA, 2015).

References:

DTSC, 2025. Human Health Risk Assessment Note Number 3 – DTSC-Modified Screening Levels (DTSC-SLs). Human and Ecological Risk Office (HERO). April.

USEPA, 2015. OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air. Office of Solid Waste and Emergency Response. June.

USEPA, 2024. Regional Screening Levels (RSLs; TR=1E-06, HQ=1). November.

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Appendix A
Health and Safety Plan

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RHA Landscape Architects – Planners, Inc.
6840 Indiana Avenue, Suite 100
Riverside, California 92506

Health and Safety Plan

August 25, 2025

Citadel Project Number 2230.1002.0

Rio Hondo Park
8421 San Luis Potosi
Pico Rivera, California 90660

www.CitadelEHS.com

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1.0 SITE DESCRIPTION

Citadel EHS (Citadel) has prepared this Health and Safety Plan (HASP) for RHA Landscape Architects – Planners, Inc. (Client) for use during soil disturbing activities including drilling and soil and soil vapor sampling activities related to the Rio Hondo Park Project at the property located at 8421 San Luis Potosi, in the City of Pico Rivera, California (Site). Activities conducted under Citadel's direction at the Site will be compliant with applicable Occupational Safety and Health Administration (OSHA) regulations, particularly those in Title 8 California Code of Regulations (CCR) 5192, and other applicable federal, state, and local laws, regulations, and statutes. A copy of this HASP will be kept onsite during scheduled field activities.

2.0 BACKGROUND

Citadel understands from the Client that the Site consists of two one-story buildings, playground, baseball field, open space, and associated landscaping on approximately 12.51 acres of land.

According to the City of Pico Rivera (City), the Rio Hondo Park Project includes the renovation of some of the existing features at the Site in addition to constructing new facilities and amenities for the community. The City has indicated that the backfill under the existing baseball diamond and surrounding area may contain contaminated soil. Citadel reviewed historical aerial photos of the Site and observed that the west and north sides of the Site (including the ball field area) were formerly part of the Rio Hondo Creek (Creek) flood plain prior to development of the Site. The backfill material most likely was used in this area to raise the elevation above the Creek.

The extent of the contamination is unknown but may extend to a depth of at least eight feet. The purpose of the Phase II is to delineate the lateral and vertical extents of backfill material that reportedly contains trash and debris.

The contaminated soil may contain volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), and/or Title 22 Metals. Soil vapor may contain VOCs, Methane, and/or fixed gases including Oxygen (O_2), Nitrogen (N_2), Carbon Monoxide (CO) and Carbon Dioxide (CO_2).

3.0 SAFETY POLICY

Safety will be given primary importance in the planning and operation of this project. The safety policy shall strictly adhere to current United States Environmental Protection Agency (EPA) and OSHA standards, and local government agency requirements having authority over the project as regards to Client employees, as well as to public safety. Some of the applicable health and safety standards are listed below:

- 40 Code of Federal Regulations Part 261, Identification and Listing of Hazardous Waste;
- Health and Safety Code, Division 20, Chapter 6.5, California Hazardous Waste Control Act;
- Title 8, California Code of Regulations, Section 1510, Safety Instruction for Employees;
- Title 8, California Code of Regulations, Section 3380, Personal Protective Equipment;
- Title 8, California Code of Regulations, Section 5144, Respiratory Protection;
- Title 8, California Code of Regulations, Section 5194, Hazard Communication; and
- Title 22, California Code of Regulations, Division 4.5, Environmental Health Standards for the Management of Hazardous Waste.

Each subcontracting firm will assume primary responsibility for the safety of their own work with respect to their employees. Subcontractors will assume the duty to comply with OSHA, and all other federal, state and local regulations.

The subcontractors' work will be monitored by Citadel staff for implementation of this HASP, while adhering to their own safety program. The Site Safety Officer (SSO) will retain the authority and power to enforce this HASP during the progress of the work. Any deficiencies in subcontractor safe work practices will be brought to the attention of the subcontractor firm's supervisor for immediate corrective action. If the subcontractor fails or refuses to take corrective action promptly, a stop work order shall be issued and the subcontractor or the subcontractor employee may be removed from the Site.

4.0 WORK DESCRIPTION

Based on reports found on the State Water Resources Control Board's GeoTracker database, groundwater is anticipated to be approximately 29 feet bgs, with groundwater flow to the south. Groundwater is not expected to be encountered during this investigation.

To evaluate the soil and soil gas, Citadel will advance six borings at the Site. The borings will be advanced to a depth of approximately 15 feet bgs, or to native soil where encountered, using a direct push drill rig. Soil samples will be collected in continuous core acetate sleeves to identify the upper and lower depth of the fill potentially containing trash and debris. Soil sample depths will be selected for laboratory analysis based on the zones identified in the core with a maximum of three samples collected from each boring targeting the surface soils, soils containing trash and debris and native soils below the debris. The soil borings will be logged, and soil samples collected from each boring will be field screened with an RKI Eagle 2 capable of monitoring the vapor space for the presence of VOCs and landfill gases (LFG).

The soil samples will be placed in a chilled cooler for transportation to an accredited laboratory for analysis under chain of custody (COC) procedures. A maximum of 18 soil samples will be submitted to the laboratory for analysis. The soil samples will be analyzed for the presence of VOCs by EPA Method 8260B, TPH Full Range by EPA Method 8015M, and Title 22 Metals using EPA Methods 6010B/7471A.

Following the collection soil samples, Citadel will install dual nested soil vapor probes in each boring at approximately five and 15 feet bgs. After approximately 48 hours following the installation of the vapor probes, Citadel will collect vapor samples, record potential methane gas concentrations using the RKI and measure soil gas pressure using a manometer. The soil vapor will be analyzed for VOCs by EPA Method 8260B and Methane and fixed gases by ASTM Method D1946. Fixed gases include O_2, N_2, CO, and CO_2.

5.0 KEY PROJECT PERSONNEL AND RESPONSIBILITIES

Project Manager	Doug Whichard (Citadel)
Site Safety Officer (SSO)/Project Monitor	Audrey Clark (Citadel)
Contractor and Subcontractor Personnel	GPRS Kendy Tomamichel 818-813-3614
	MR Drilling Kenny Helstowski (714) 994-0402

PROJECT MANAGER

The Project Manager has the ultimate responsibility for the health and safety of personnel at the Site. The Project Manager is responsible for:

- Ensuring that project personnel review and understand the requirements of this HASP;
- Keeping on-site personnel informed of the expected hazards and appropriate protective measures at the Site; and
- Providing resources necessary for maintaining a safe and health work environment.

SITE SAFETY OFFICER/PROJECT MONITOR

The SSO is responsible for enforcing the requirements of this HASP once site work begins. The SSO has the authority to immediately correct situations where noncompliance with this HASP is noted and to immediately stop work in cases where an immediate danger to site workers or the environment is perceived. Responsibilities of the SSO also include:

- Obtaining and distributing PPE and air monitoring equipment necessary for this project;
- Limiting access at the Site to authorized personnel;
- Communicating unusual or unforeseen conditions at the Site to the Project Manager;
- Supervising and monitoring the safety performance of site personnel to evaluate the effectiveness of health and safety procedures and correct deficiencies;
- Conducting daily tailgate safety meetings before each day's activities begin; and
- Conducting a site safety inspection prior to the commencement of each day's field activities.

CONTRACTOR AND SUBCONTRACTOR PERSONNEL

Subcontractor personnel are expected to comply with the minimum requirements specified in this HASP. Failure to do so may result in the dismissal of the subcontractor or any of the subcontractor's workers from the job site. Subcontractors may employ health and safety procedures that afford them a greater measure of personal protection than those specified in this plan as long as they do not pose additional hazards to themselves, the environment, or others working in the area.

6.0 SITE CONTROL MEASURES

The SSO or Project Manager has been designated to coordinate Site access. The Client is responsible for general Site safety and each on-Site contractor must comply with their Site-specific safety plan.

7.0 STANDARD OPERATING PROCEDURES

GENERAL SAFETY

- Maintain good housekeeping at all times in all project work areas.
- Check the work area to determine what problems or hazards may exist.
- Designate specific areas for the proper storage of materials.
- Store tools, equipment, materials, and supplies in an orderly manner.
- Provide containers for collecting trash and other debris.
- Clean up all spills quickly.
- Report unsafe conditions or unsafe acts to your supervisor immediately.

- Report all occupational illnesses, injuries, and vehicle accidents.
- Do not wear loose clothing, wristwatches, and other loose accessories when within arm's reach of moving machinery.
- Emergency exits and evacuation areas should be clearly marked during work activities.
- Personnel fall protection is required when climbing to perform maintenance six feet or higher above ground.
- Inspect hand tools and use proper PPE.
- Ensure proper grounding and guarding of equipment.
- Keep hands and fingers out of pinch points.
- Use good ergonomic posturing when working with heavy items.

COMMUNICATION PROCEDURES

Due to the close proximity of all field crew members, the necessity for radio communication is not necessary.

The following standard hand signals will be used:

Hand drawn across throat ..... Cease operation immediately
Hand gripping throat ..... Out of air, cannot breathe
Grip partner's wrist or both hands around waist ..... Leave area immediately
Hands on top of head ..... Need assistance
Thumbs up ..... OK, I am alright, understood
Thumbs down ..... No, negative

FIELD VEHICLES

- Equip vehicles with emergency supplies and equipment.
- Maintain both a first aid kit and fire extinguisher in the field vehicle at all times.
- Utilize a rotary beacon on vehicle if working adjacent to active roadway.
- Always wear seatbelt while operating vehicle.
- Tie down loose items.

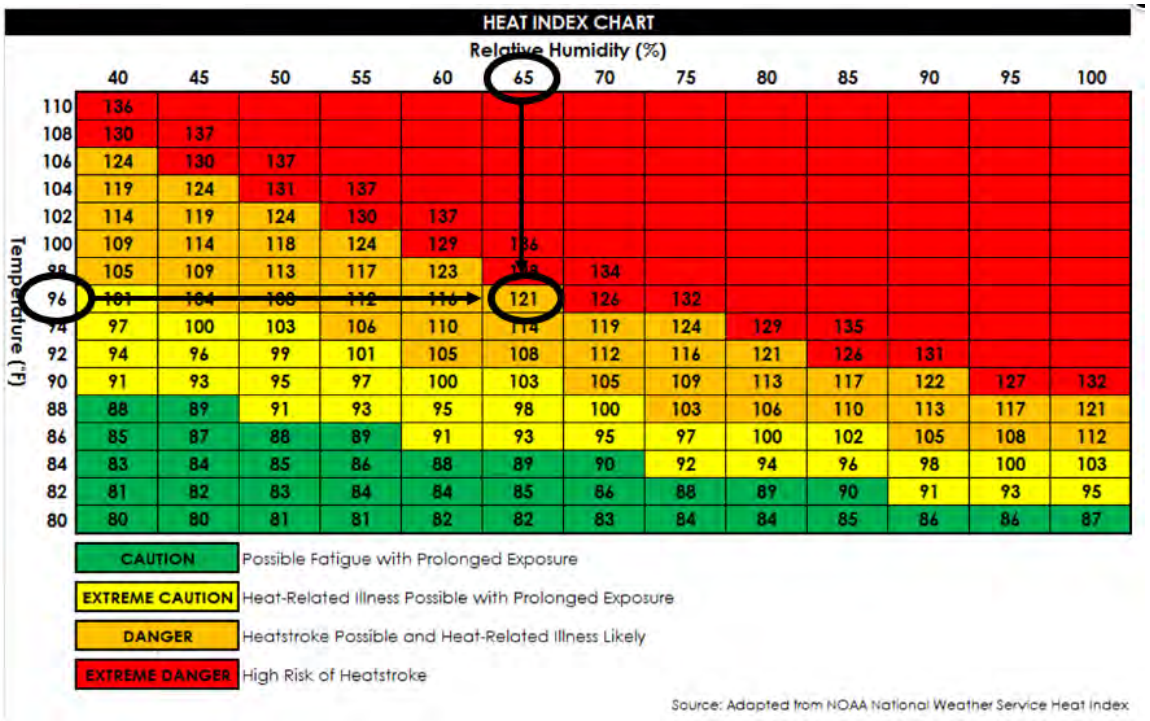
MANUAL LIFTING

- Personnel shall seek assistance when performing manual lifting tasks that appear beyond their physical capabilities.
- Assess the situation before lifting, ensure good lifting and body positioning practices, and ensure good carrying and setting down practices.

HEAT EXPOSURE

- Limit exposure to the sun or take extra precautions when the UV index rating is high.
- Take lunch and breaks in shaded areas.
- Create shade by using umbrellas, tents, and canopies.
- Wear proper clothing: long sleeved shirts with collars, long pants, and UV-protective sunglasses or safety glasses.
- Apply sunscreen generously to all exposed skin surfaces at least 20 minutes before exposure. Re-apply sunscreen at least every 2 hours, and more frequently when sweating or performing activities where sunscreen may be wiped off.
- Communicate any concerns regarding heat stress to a supervisor.
- Keep hydrated throughout the day (about 4 cups per hour).

- OHSA's Heat Index:



OTHER HAZARDS

Unknown Subsurface Structures. Low to Medium Hazard. If any unknown subsurface structures such as USTs, clarifiers, vaults, conduit, Transite pipe, piping, or construction debris are encountered during excavation, all work will stop in the immediate vicinity of the encountered structure and the Contractor and SSO immediately notified.

Utilities (Under Ground and Above Ground): Low Hazard. All boring locations will be hand drilled to approximately five feet bgs and stop work will be enforced if any utilities are encountered.

Biological Hazards: Low to Medium Hazard. Beware of spiders, insects and other possible animals.

Site Instability: Low to Medium Hazard. The Site will be inspected prior to equipment placement and closely monitored. Any settling of the equipment will cause the work to stop immediately.

Equipment Refueling: Low Hazard. Equipment shall not be refueled with the engine running. Cigarettes, open flames, or other ignition sources are not allowed within 50 feet of the fueling location.

Personnel Injury: Upon notification of an injury, the Project Field Leader should evaluate the nature of the injury, and the affected person should be decontaminated to the extent possible prior to movement. The Project Field Leader shall initiate the appropriate first aid, and contact should be made for an ambulance and with the designated medical facility (if required).

Fire/Explosion: The fire department shall be alerted, and all personnel moved to a safe distance from the involved area.

Other Equipment Failure: If any other equipment on site fails to operate properly, the Project Team Leader shall be notified and then determine the effect of this failure on continuing operations on site. If the failure affects the safety of personnel or prevents completion of the Work Plan tasks, work will cease until the situation is evaluated and appropriate actions taken.

DUST MONITORING

SCAQMD requires that Rule 403 for Fugitive Dust be followed to reduce the amount of particulate matter entrained into ambient air as a result of normal construction activities. This rule is intended to limit the emissions of fugitive dust or particulate matter from a variety of activities and sources such as construction sites, bulk material hauling, unpaved parking lots, and disturbed soil in open areas and vacant lots; this rule applies to any activity or man-made condition capable of generating fugitive dust.

Rule 403 requires that fugitive dust generated during any activity or man-made condition such as excavation, drilling, demolition, construction, and soil disturbance, shall be prevented, reduced or mitigated.

- As part of all earth moving and construction/demolition activities, disturbed surface area, or heavy and light duty vehicular movement, no person shall cause or allow the emissions of fugitive dust from any active operation, open storage pile, or disturbed surface area such that:
  - The dust remains visible in the atmosphere beyond the property line of the emission source; or
  - The dust emission exceeds 20 percent opacity (as determined by the appropriate test method included in the Rule 403 Implementation Handbook) if the dust emission is the result of movement of a motorized vehicle.

- All onsite activities shall be conducted utilizing the best available control measures included in Table 1 of the Rule, to minimize fugitive dust emissions from each dust source type, such as high-pressure water sprayers, fire hoses, and water trucks where applicable.

- DustTrak monitors may be used to determine fugitive dust emissions in the ambient air at the Site. Per Rule 403, no person shall cause or allow PM_{10}[1] levels to exceed 50 micrograms per cubic meter ($\mu g/m^3$) when determined, by simultaneous sampling, as the difference between upwind and downwind samples collected on high-volume particulate matter samplers or other U.S. EPA-approved equivalent method for PM_{10} monitoring.

- Track-out shall not extend to 25 feet or more in cumulative length from the point of origin of an active operation. Notwithstanding this, all track-out shall be removed at the conclusion of each workday or evening shift.

- No person shall conduct an active operation with a disturbed surface area of five or more acres, or with a daily import or export of 100 cubic yards or more of bulk material without utilizing at least one of the five measures listed in the rule at each vehicle egress from the Site to a public paved road.

8.0 EXPOSURE MONITORING

Based on previous investigations, the chemicals of potential concern (COPC) for the Site have been determined to be VOCs, TPH, Title 22 metals, methane, and fixed gases including O_2, N_2, CO, and CO_2. The SSO will monitor on-site worker exposure to airborne contaminants during Site activities. Measurements should be taken within the breathing zones of workers. A PID will be used to

[1] PM_{10} means particulate matter with an aerodynamic diameter smaller than or equal to 10 microns as measured by the applicable State and Federal reference test methods.

monitor changes in exposure to VOCs. The PID shall be calibrated daily in the field and undergo annual maintenance including calibration by a certified provider. If stained or odorous soil or fumes are discovered during excavation, work should stop in that area, and the SSO be notified.

The following substances may be encountered on Site; the primary hazards of each are identified.

Substances	Concentration	Primary Hazards
Hydrogen Sulfide (H_2S) Gas	Various	Inhalation
Methane Gas	Various	Inhalation
Total Petroleum Hydrocarbons	Various	Ingestion, inhalation, skin
Volatile Organic Compounds	Various	Ingestion, inhalation, skin

Hydrogen Sulfide (H_2S). Hydrogen sulfide (also known as sewer gas, swamp gas, stink damp, and sour damp) is a colorless gas known for its pungent "rotten egg" odor at low concentrations. It is extremely flammable and highly toxic. Hydrogen sulfide also occurs naturally in sewers, manure pits, well water, oil and gas wells, and volcanoes. Because it is heavier than air, hydrogen sulfide can collect in low-lying and enclosed spaces, such as manholes, sewers, and underground telephone vaults. Its presence makes work in confined spaces potentially very dangerous. The health effects of hydrogen sulfide depend on how much H_2S a worker breathes and for how long. However, many effects are seen even at low concentrations. Effects range from mild, headaches or eye irritation, to very serious, unconsciousness and death.

Methane. A colorless and odorless flammable gaseous hydrocarbon (chemical formula CH_4) that is a product of biological decomposition of organic matter and of the carbonization of coal. Methane is considered an asphyxiant at extremely high concentrations and can displace oxygen in the blood.

Methane[2] (CH_4):	1000 ppm_v
Hydrogen Sulfide (H_2S):	15 ppm_v

High concentrations of methane can be explosive. The detection threshold for stop work is 20% of the lower explosive limit (LEL) which is equal to 1% by volume (10,000 ppm).

Total Petroleum Hydrocarbons (TPH): A complex blend of petroleum-derived normal and branched-chain alkane, cycloalkane, alkene, and aromatic hydrocarbons and may include benzene and its derivatives, sulfur, and naphthalene. TPH may cause serious health concerns by prolonged exposure in contact with skin. Repeated exposure to TPH may cause skin dryness or cracking. Breathing of high vapor concentrations may cause dizziness, light-headedness, headache, nausea, and loss of co-ordination. Continued inhalation may result in unconsciousness.

Volatile Organic Compounds (VOC): VOCs include a variety of chemicals, some of which may have short- and long-term adverse health effects. Health effects include eye, nose, and throat irritation, headaches, loss of coordination, nausea, and damage to liver, kidney, and central nervous system. Some VOCs are known to cause cancer in humans.

[2] OSHA has no permissible exposure limit for methane, but the National Institute for Occupational Safety and Health's (NIOSH) maximum recommended safe methane concentration for workers during an 8-hour period is 1,000 ppm_v (0.1 percent).

ACTION LEVELS AND EXPOSURE LIMITS

If strong odor is encountered during excavation, work in the area should stop and the Environmental Consultant contacted immediately to assess the area for the potential presence of COPCs and initiate a response. Appropriate responses may include upgrading PPE requirements, additional testing, or continuous air monitoring.

Total Petroleum Hydrocarbons

According to OSHA (29 CFR 1926.55 Appendix A, Footnote (A (3)), the composition of TPH varies greatly and thus a single Threshold Limit Value (TLV)[3] for all types of these materials is not applicable.

Volatile Organic Compounds:

The OHSA Short Term Exposure Limit (STEL)[4] for compounds commonly present in impacted soil is listed below; these concentrations must not be exceeded when working in areas where these hazardous compounds may be present:

Volatile Organic Compounds:	100 ppm_v

If these concentrations are exceeded and cannot be controlled by local methods, an evacuation of the immediate area and possibly the Site will be ordered in accordance with the evacuation route in Section 11.0.

9.0 PERSONAL PROTECTIVE EQUIPMENT

The purpose of PPE is to protect employees from hazards and potential hazards they are likely to encounter during site activities. The amount and type of PPE used will be based on the nature of the hazard encountered or anticipated. Respiratory protection will be utilized when an airborne hazard has been identified using real-time air monitoring devices, or as a precautionary measure in areas designated by the SSO, elevating to level C. If this occurs, contractor personnel shall be respirator-approved.

Dermal protection, primarily in the form of chemical-resistant gloves and coveralls, will be worn whenever contact with chemically affected materials is anticipated, without regard to the level of respiratory protection required.

Based on evaluation of potential hazards, the following levels of personal protection have been designated for the applicable work areas or tasks:

Location	Job Function	Level of Protection
Controlled Area	All Workers	A B C (D) Other

Specific protective equipment for each level of protection is as follows:

Level A
Fully-encapsulating suit

Level C
Splash gear

[3] TLV refers to airborne concentrations of chemical substances and represent conditions under which it is believed that nearly all workers may be repeatedly exposed, day after day, over a working lifetime, without adverse effects (American Conference of Governmental Industrial Hygienists (ACGIH).

[4] Defined as a 15-minute time-weighted average exposure which is not to be exceeded at any time during a workday even if the 8-hour time-weighted average is below the PEL.

SCBA
Disposable coveralls

Half-face canister respirator with H_2S/VOC cartridge
Mouth/nose canister respirator
Efficiency 100 (HEPA)

Level B
Splash gear
SCBA

Level D
Hard hat
Ear plugs
Neoprene or leather gloves - nitrile gloves
Safety vests and Glasses
Hard toe boots

NO CHANGES TO THE SPECIFIED LEVELS OF PROTECTION SHALL BE MADE WITHOUT THE APPROVAL OF THE SSO OR PROJECT MANAGER.

10.0 DECONTAMINATION PROCEDURES

Despite protective procedures, personnel may come in contact with potentially hazardous compounds while performing work tasks. If so, decontamination needs to take place using an Alconox or tri-sodium phosphate (TSP), followed by a rinse with clean water. Standard decontamination procedure for levels C and D are as follows:

- Equipment drop
- Boot cover and outer glove wash and rinse
- Boot cover and out glove removal
- Suit wash and rinse
- Suit removal
- Safety boot wash and rinse
- Inner glove wash and rinse
- Respirator removal
- Inner glove removal
- Field wash of hands and face

Workers should employ only applicable steps in accordance with level of PPE worn and extent of contamination present. The SSO shall maintain adequate quantities of clean water to be used for personal decontamination (i.e. field wash of hands and face) whenever a suitable washing facility is not located in the immediate vicinity of the work area. Disposable items will be disposed of in an appropriate container. Wash and rinse water generated from decontamination activities will be handled and disposed of properly. Non-disposable items may need to be sanitized before reuse. Each site worker is responsible for the maintenance, decontamination, and sanitizing of his/her own PPE.

Used equipment may be decontaminated as follows:

- An Alconox or TSP and water solution will be used to wash the equipment.
- The equipment will then be rinsed with clean water.

Each person must follow these procedures to reduce the potential for transferring chemically affected materials offsite.

11.0 EMERGENCY PROCEDURES

In the event of an emergency, site personnel will signal distress with three blasts of a horn (a vehicle horn will be sufficient), or other predetermined signal. Communication signals, such as hand signals, must be established where communication equipment is not feasible or in areas of loud noise.

The SSO will designate evacuation routes and refuge areas to be used in the event of an emergency. Site personnel will stay upwind from vapors or smoke and upgradient from spills. Workers should exit through the established decontamination areas wherever possible. If evacuation cannot be done through an established decontamination area, site personnel will go to the nearest safe location and remove contaminated clothing there. Personnel will assemble at the predetermined refuge following evacuation and decontamination. The SSO will count and identify site personnel to verify that all personnel have been evacuated safely. Please refer to Figure 1.0 for the evacuation route and refuge location and Figure 2.0 for directions to the designated medical facility.

FIGURE 1.0 – EVACUATION ROUTE AND REFUGE AREA



= Approximate Project Boundaries

= Refuge Area

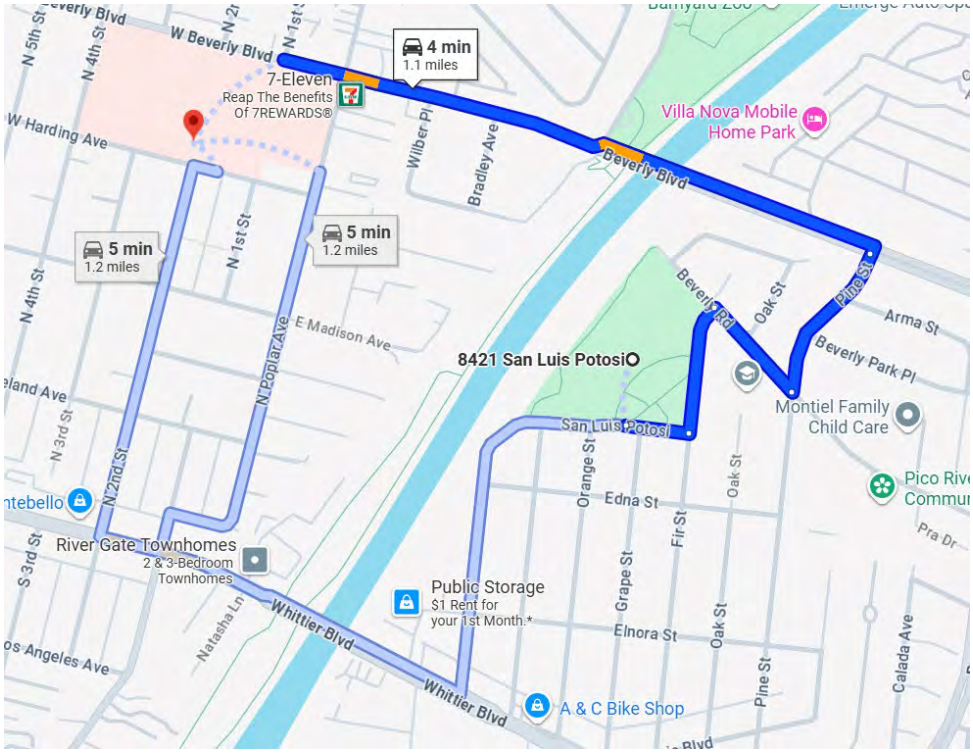
= Excavation Route

Evacuation routes and refuge areas may change during the course of the project.

FIGURE 2.0 – DESIGNATED MEDICAL FACILITY

The designated medical facility is:

Adventist Health White Memorial Montebello
309 West Beverly Boulevard
Montebello, CA 90640
(323) 726-1222



Directions:

Head east on San Luis Potosi toward Grape St	338 ft
Turn left onto Fir St	0.1 mi
Turn right onto Beverly Rd	0.1 mi
Turn left onto Pine St	0.2 mi
Turn left onto Beverly Blvd	0.6 mi
Destination will be on the left	

Local ambulance service is available from:

Name: Local Paramedics
Phone: 911

First-aid equipment is available in the SSO's vehicle.

List of emergency phone numbers:

Agency/Facility	**Phone**
Police/Fire	911
Hospital	(323) 726-1222

12.0 SIGNATURES

This HASP has been prepared by:

Audrey Clark

Audrey Clark
Senior Staff Scientist, Engineering and Environmental Sciences

This HASP has been reviewed by:

Doug Whichard

Doug Whichard
Senior Scientist, Engineering and Environmental Sciences

SIGNATURE PAGE

The following signatures indicate that this Health and Safety Plan (HASP) has been read and accepted by all site personnel.

NAME	COMPANY	SIGNATURE	DATE

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Appendix B
USA Dig Alert Ticket

This document is not a certified record of Underground Service Alert

MBRCOD 00000 USAS 09/24/25 16:28:33 A252400536-00A NEW NORM POLY LREQ

Ticket: A252400536 Rev: 00A Created: 08/28/25 12:40:29 User: RIC Chan: WEB

Work Start: 09/03/25 06:01:00 Legal Start: 09/03/25 06:01:00 Expires: 09/25/25 23:59:59
Response required: Y Priority: 2

Excavator Information
Company: MR DRILLING Type: CONT
Co Addr: 13124 FIRESTONE BLVD
City : SANTAFESPRINGS State: CA Zip: 90670
Created By: AUDREY CLARK Language: ENGLISH
Office Phone: 818-246-2707 SMS/Cell: 858-829-2047
Office Email: ACLARK@CITADELEHS.COM

Site Contact: AUDREY CLARK
Site Phone: 858-829-2047 Site SMS/Cell: 858-829-2047
Site Email: ACLARK@CITADELEHS.COM

Excavation Area
State: CA County: LOS ANGELES Place: PICO RIVERA
Zip: 90660
Address : 8421 Street: SAN LUIS POTOSI PL
Cross 1 : FIR ST
Cross 2 :
Location: **LOC OF ADDRESS IS SHOWN ON GOOGLE MAPS**
**LOCATIONS MARKED WITH
: ORANGE FLAG**
Searchable Tags:
Job size: sq-feet: 800325 sq-miles: 0.028708

Delineated Method: OTHER,WHITEPAINT
Work Type: 6 BORINGS TO 15FEET BGS
Work For : ULTRASYSTEMS
Permit: Job/Work order:
Project ID:
Project Name:
1 Year: N Boring: N Street/Sidewalk: N Vacuum: N Explosives: N Pavement Only: N

Center Generated (NAD83): 34.013258/-118.092151 34.011339/-118.090128
: 34.008522/-118.092799 34.010441/-118.094822
Excavator Provided:

Members:
ATTDSOUTH
EMERGENCY
AT&T DIST. DAMAGE PREVENTION
800-247-2020
G00559@ATT.COM

VACUUM
AT&T DIST. DAMAGE PREVENTION
888-290-3111
G00559@ATT.COM

NO RESPONSE
AT&T DIST. DAMAGE PREVENTION
888-290-3111
G00559@ATT.COM

CBMWD
EMERGENCY
JOE COVARRUBIAS
323-491-6715
JOE.COVARRUBIAS@INFRAMARK.COM

VACUUM
JOE COVARRUBIAS
323-491-6715
JOE.COVARRUBIAS@INFRAMARK.COM

NO RESPONSE
JOE COVARRUBIAS
PICO RIVERA, CA 90660
323-491-6715
JOE.COVARRUBIAS@INFRAMARK.COM

CRMSNPIP
EMERGENCY
CONTROL CENTER
LONG BEACH, CA 90806
866-351-7473
CCENTER@CRIMSONPL.COM

VACUUM
SHENAN DEAN LOVRIEN
SIGNAL HILL, CA 90755
562-285-4107
SDLOVRIEN@CRIMSONPL.COM

NO RESPONSE

SHENANDEAN LOVRIEN
SIGNAL HILL, CA 90755
562-285-4107
SDLOVRIEN@CRIMSONPL.COM

MLW01
EMERGENCY
BRETT OMMEN
323-722-8654

VACUUM
BRETT OMMEN
MONEBELLO, CA 90640
323-722-8654
BRETT@MTBLW.COM

NO RESPONSE
BRETT OMMEN
323-722-8654

MTBSWR
EMERGENCY
JAUN HERNANDEZ
323-887-4616
JUAN.HERNANDEZ@CITYOFMONTEBELLO.COM

VACUUM
JUAN HERNANDEZ
MONTEBELLO, CA 90640
323-887-4616
JUAN.HERNANDEZ@CITYOFMONTEBELLO.COM

NO RESPONSE
JUAN HERNANDEZ
323-887-4616
JUAN.HERNANDEZ@CITYOFMONTEBELLO.COM

PIC01
EMERGENCY
JOE BASULTO
562-692-3756
JBASULTO@PICOWATERDISRICT.NET

VACUUM
JOE BASULTO
PICO RIVERA, CA 90660
562-692-3756
JBASULTO@PICOWATERDISTRICT.NET

NO RESPONSE
JOE BASULTO
562-692-3756
JBASULTO@PICOWATERDISRICT.NET

PIR01
EMERGENCY
ANGEL QUINTERO
PICO RIVERA, CA 90660
562-801-4462
AQUINTERO@PICO-RIVERA.ORG

VACUUM
AL CABLAY
562-801-4420
ACABLAY@PICO-RIVERA.ORG

NO RESPONSE
ADRIAN DIAZ
562-801-4462

SCG2XD
EMERGENCY
LEAD DISPATCHER
800-603-7060

VACUUM
ALLOWED BUT CAN BE REFUSED

NO RESPONSE
KEITH BROWN
840-201-8017
KBROWN@SOCALGAS.COM

SCG3ZE
EMERGENCY
LEAD DISPATCHER
800-427-8894

VACUUM
ALLOWED BUT CAN BE REFUSED

NO RESPONSE
ALEX SHEFF
ASHEFF@SOCALGAS.COM

UCHTRW_C2
EMERGENCY
SPECTRUM EMERGENCY ONLY

844-780-6054

VACUUM
DAVID SCHARRER
IRWINDALE, CA 91706
626-430-3522
DAVID.SCHARRER@CHARTER.COM

NO RESPONSE
DAVID SCHARRER
IRWINDALE, CA 91706
626-430-3522
DAVID.SCHARRER@CHARTER.COM

USCEME
EMERGENCY
SC EDISON PERSONNEL
800-611-1911

VACUUM
GILBERT ACEVES
CHINO, CA 91710
909-548-7249
GILBERT.ACEVES@SCE.COM

NO RESPONSE
Information Not Available

UTFTRCA01
EMERGENCY
FRONTIER CALL CENTER
800-921-8106

VACUUM
UTILIQUEST FOR FRONTIER COMMUN
323-342-5552

NO RESPONSE
UTILIQUEST FOR FRONTIER
323-342-5552

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Appendix C
Geophysical Scan Summary

CRS: NAD83(NSRS2007) / UTM zone 11N



SITEMAP Powered by GPRS

DISCLAIMER

1. THIS EXHIBIT IS INTENDED TO ILLUSTRATE RECORDS OF FEATURES, AND UTILITY MARKINGS COLLECTED ON SITE. THE HISTORIC RECORDS SHOWN ARE A COMBINATION OF GPRS COLLECTED DATA AS WELL AS ANY ADJUSTMENTS BY OTHER SITEMAP USERS WITH ACCESS TO MAKE CHANGES TO THIS DATA. GPRS CANNOT GUARANTEE IT WILL BE ABLE TO LOCATE ALL UTILITIES OR OTHER SUBSURFACE FEATURES ON SITE NOR CAN IT CERTIFY THAT THE ITEMS SHOWN ON THIS EXHIBIT ARE CURRENT BEYOND THE OFFICIAL SUBMITTAL DATE OF A GPRS CONTRACT LOCATE DELIVERABLE. ALL FINDINGS ARE SUBJECT TO THE TERMS AND CONDITIONS THAT CAN BE VIEWED WITH THE LINK: HTTPS://M.GP-RADAR.COM/TERMS-CONDITIONS
2. GPRS DOES NOT PROVIDE GEOPHYSICAL, GEOLOGICAL, LAND SURVEYING, OR ENGINEERING SERVICES.
3. FOR ADDITIONAL INFORMATION REGARDING FINDINGS AND EQUIPMENT USED, SEE THE "JOB SUMMARY REPORT" THAT WAS SUBMITTED VIA EMAIL FOLLOWING COMPLETION OF FIELD WORK.
4. PRIVATE UTILITY LOCATING IS NEVER A REPLACEMENT FOR ONE CALL/811 SERVICES. STATE LAW REQUIRES 811 TO BE CALLED PRIOR TO ANY AND ALL EXCAVATION ACTIVITIES.

LEGEND

SCAN INFO | UNKNOWN | SB | UNKN_CONTINUES

0' 36.75' 73.5' 110.25' 147'

Scale 1" = 147'

811 Know what's below. Call before you dig.

GPRS

GPRS IS NOT AFFILIATED WITH 811 BUT DOES RECOMMEND THAT THIS SERVICE IS USED ON EVERY PROJECT IN ADDITION TO OUR OWN. IT IS REQUIRED BY LAW TO CALL 811 TO MARK UTILITIES PRIOR TO EXCAVATION. SEE NOTE #4 ABOVE.

FOR INFORMATION ONLY

SITEMAP RECORD EXHIBIT

LOCATION

8421 San Luis Potosi Place

Pico Rivera, California 90660, United States

Printed by:	**undefined**
Print Date:	**9/24/2025**

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Appendix D
Boring Logs

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Soil Boring Number: B-1

PROJECT Rio Hondo Park Baseball Field
PROJECT NUMBER 2230.1002.0
CLIENT RHA Landscape Architects-Planners, Inc .
PROJECT LOCATION 8421 San Luis Potosi
DATE STARTED 09/03/2025 **COMPLETED** -
GROUND SURFACE ELEV. N/A
DRILLING CONTRACTOR MR Drilling
LATITUDE / LONGITUDE N/A
DRILLING METHOD -
RIG TYPE Geoprobe 6600
LOGGED BY AC **REVIEWED BY** DW
TOTAL DEPTH 15.50'
COMMENTS -
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
	0			1		POORLY GRADED SAND (SP), dark yellowish brown (10YR 4/6), no odor, dry, non plastic, medium stiff, no staining, fine to medium grains.	0	85	15	0	FLUSHMOUNT
				2		2.0					
				3		POORLY GRADED SAND (SP), yellowish brown (10YR 5/4), no odor, dry, non plastic, medium stiff, no staining, fine to large grains, small gravels.	5	85	10	0	
				4							
	0			5		5.0					
				6		WELL-GRADED SAND (SW), gray (10YR 6/1), no odor, dry, non plastic, stiff, no staining, fine to large grains, small gravels.	10	90	0	0	
				7							
				8							
				9							
	0			10							
				11							
				12							
				13							
				14							
	0			15		15.5					

End of Boring at 15.5 ft. bgs. Dual-completion soil vapor probes were installed at 5 and 15 feet bgs.

Graphics Legend

- SP
- SW
- Bentonite (Dry)
- Sand
- Bentonite (Hydrated)
- No Recovery with SPT
- Continuous Push
- Hand Auger
- Stainless Steel Probe Tip
- Teflon Tubing (0.25")

Water Levels

- -
- -

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Soil Boring Number: B-2

PROJECT Rio Hondo Park Baseball Field
PROJECT NUMBER 2230.1002.0
CLIENT RHA Landscape Architects-Planners, Inc .
PROJECT LOCATION 8421 San Luis Potosi
DATE STARTED 09/03/2025 **COMPLETED** -
GROUND SURFACE ELEV. N/A
DRILLING CONTRACTOR MR Drilling
LATITUDE / LONGITUDE N/A
DRILLING METHOD -
RIG TYPE Geoprobe 6600
LOGGED BY AC **REVIEWED BY** DW
TOTAL DEPTH 15.50'
COMMENTS -
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
	0			1		SANDY SILT (ML), brown (10YR 4/3), no odor, dry, non plastic, medium stiff, no staining, fine grains.	5	15	80	0	FLUSHMOUNT
				2							
				3							
				4							
				5		5.0					
	0			6		POORLY GRADED SAND (SP), grayish brown (10YR 5/2), no odor, dry, non plastic, medium stiff, no staining, fine to medium grains.	0	90	10	0	
				7							
				8							
				9							
				10							
	0			11							
				12		12.0					
				13		WELL-GRADED SAND (SW), yellowish brown (10YR 5/4), no odor, dry, non plastic, medium stiff, copper-colored staining minimal, fine to large grains, small gravels,	5	95	0	0	
				14							
	0			15		15.5					

End of Boring at 15.5 ft bgs. Dual-completion soil vapor probes were installed at 5 and 15 feet bgs.

Graphics Legend

- SW
- ML
- SP
- Sand
- Bentonite (Dry)
- Bentonite (Hydrated)
- Continuous Push
- No Recovery with SPT
- Hand Auger
- Teflon Tubing (0.25")
- Stainless Steel Probe Tip

Water Levels

- -
- -

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Soil Boring Number: B-3

PROJECT Rio Hondo Park Baseball Field
PROJECT NUMBER 2230.1002.0
CLIENT RHA Landscape Architects-Planners, Inc .
PROJECT LOCATION 8421 San Luis Potosi
DATE STARTED 09/03/2025 **COMPLETED** -
GROUND SURFACE ELEV. N/A
DRILLING CONTRACTOR MR Drilling
LATITUDE / LONGITUDE N/A
DRILLING METHOD -
RIG TYPE Geoprobe 6600
LOGGED BY AC **REVIEWED BY** DW
TOTAL DEPTH 15.50'
COMMENTS -
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
	0			1–5		SILTY SAND (SM), yellowish brown (10YR 5/4), no odor, dry, non plastic, medium stiff, no staining, fine to medium grains	0	80	20	0	FLUSHMOUNT
	0			5–10		POORLY GRADED SAND (SP), dark gray (10YR 4/1), no odor, dry, non plastic, soft, no staining, fine to medium grains	0	95	5	0	
	0			10–15.5		WELL-GRADED SAND (SW), grayish brown (10YR 5/2), no odor, dry, non plastic, medium stiff, no staining, fine to large grains, small gravels	5	95	0	0	

End of Boring at 15.5 ft. bgs. Dual-completion soil vapor probes were installed at 5 and 15 feet bgs.

Graphics Legend

- SM
- SP
- SW
- Bentonite (Hydrated)
- Bentonite (Dry)
- Sand
- Continuous Push
- Hand Auger
- No Recovery with SPT
- Teflon Tubing (0.25")
- Stainless Steel Probe Tip

Water Levels

- -
- -

CITADEL EHS
assess • resolve • strengthen

Soil Boring Number: B-4

PROJECT Rio Hondo Park Baseball Field
PROJECT NUMBER 2230.1002.0
CLIENT RHA Landscape Architects-Planners, Inc .
PROJECT LOCATION 8421 San Luis Potosi
DATE STARTED 09/03/2025 **COMPLETED** -
GROUND SURFACE ELEV. N/A
DRILLING CONTRACTOR MR Drilling
LATITUDE / LONGITUDE N/A
DRILLING METHOD -
RIG TYPE Geoprobe 6600
LOGGED BY AC **REVIEWED BY** DW
TOTAL DEPTH 15.50'
COMMENTS -
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
	0			1–5		SILTY SAND (SM), dark grayish brown (10YR 4/2), no odor, dry, non plastic, medium stiff, no staining, fine grains	0	70	30	0	FLUSHMOUNT
	0			5–10		POORLY GRADED SAND (SP), gray (10YR 6/1), no odor, dry, non plastic, soft, no staining, fine to medium grains.	0	95	5	0	
	0			10–15		WELL-GRADED SAND (SW), gray (10YR 5/1), no odor, dry, non plastic, medium stiff, no staining, fine to large grains, small gravels.	5	90	5	0	
	0			15							

End of boring at 15.5 ft. bgs. Dual-completion soil vapor probes were installed at 5 and 15 feet bgs.

Graphics Legend

- SP
- SM
- SW
- Bentonite (Hydrated)
- Bentonite (Dry)
- Sand
- No Recovery with SPT
- Continuous Push
- Hand Auger
- Teflon Tubing (0.25")
- Stainless Steel Probe Tip
- Teflon Tubing (0.25")

Water Levels

- -
- -

CITADEL EHS
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Soil Boring Number: B-5

PROJECT Rio Hondo Park Baseball Field
PROJECT NUMBER 2230.1002.0
CLIENT RHA Landscape Architects-Planners, Inc .
PROJECT LOCATION 8421 San Luis Potosi
DATE STARTED 09/03/2025 **COMPLETED** -
GROUND SURFACE ELEV. N/A
DRILLING CONTRACTOR MR Drilling
LATITUDE / LONGITUDE N/A
DRILLING METHOD -
RIG TYPE Geoprobe 6600
LOGGED BY AC **REVIEWED BY** DW
TOTAL DEPTH 15.50'
COMMENTS -
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
	0			1		POORLY GRADED SAND (SP), gray (10YR 5/1), no odor, non plastic, medium stiff, no staining, fine to medium grains, small gravels.	5	90	5	0	FLUSHMOUNT
	0			5							
	0			10							
	0			13		13.5					
				14		WELL-GRADED SAND (SW), light gray (10YR 7/1), no odor, non plastic, stiff, no staining, fine to large grains, small gravels.	10	90	0	0	
				15		15.5					

End of Boring at 15.5 ft. bgs. Dual-completion soil vapor probes were installed at 5 and 15 feet bgs.

Graphics Legend

- SP
- SW
- Bentonite (Hydrated)
- Bentonite (Dry)
- Sand
- No Recovery with SPT
- Continuous Push
- Hand Auger
- Teflon Tubing (0.25")
- Stainless Steel Probe Tip
- Teflon Tubing (0.25")

Water Levels

- -
- -

CITADEL EHS
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Soil Boring Number: B-6

PROJECT Rio Hondo Park Baseball Field
PROJECT NUMBER 2230.1002.0
CLIENT RHA Landscape Architects-Planners, Inc .
PROJECT LOCATION 8421 San Luis Potosi
DATE STARTED 09/03/2025 **COMPLETED** -
GROUND SURFACE ELEV. N/A
DRILLING CONTRACTOR MR Drilling
LATITUDE / LONGITUDE N/A
DRILLING METHOD -
RIG TYPE Geoprobe 6600
LOGGED BY AC **REVIEWED BY** DW
TOTAL DEPTH 15.50'
COMMENTS -
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
	0			1		POORLY GRADED SAND (SP), gray (10YR 5/1), no odor, non plastic, medium stiff, no staining, fine to medium grains, small gravels.	5	90	5	0	FLUSHMOUNT
	0			5							
	0			10							
	0			14		14.0					
				15		WELL-GRADED SAND (SW), light gray (10YR 7/1), no odor, non plastic, stiff, no staining, fine to large grains, small gravels. 15.5	10	90	0	0	

End of Boring at 15.5 ft. bgs. Dual-completion soil vapor probes were installed at 5 and 15 feet bgs.

Graphics Legend

- SW
- SP
- Bentonite (Hydrated)
- Bentonite (Dry)
- Sand
- Hand Auger
- Continuous Push
- No Recovery with SPT
- Teflon Tubing (0.25")
- Stainless Steel Probe Tip
- Teflon Tubing (0.25")

Water Levels

- -
- -

CITADEL EHS
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Appendix E
Soil Vapor Sampling Log

SOIL VAPOR SAMPLING

PROJECT NUMBER:	2230.1002.0	CLIENT:	RHA Landscape Architects-Planners, Inc.
PROJECT NAME:	Rio Hondo Park		
PROJECT LOCATION:	8241 San Luis Potosi		
WORK AREA(S):	1)		
	2)		
	3)		
	4)		

DATE:	9/5/25
PAGE:	1 of ___
COLLECTED BY:	Audrey Clark
ANALYTICAL METHOD:	TO-15, ASTM D 1946
SAMPLING MEDIA:	1L SUMMA
MANUFACTURER:	Entech
LABORATORY:	Pace Analytical
TRACER:	1,1-DFA

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SAMPLE ID	PROBE DEPTH	PURGING TIME	FLOW RATE ml/min	SAMPLING TIME	SAMPLE TYPE	SAMPLING MEDIA #	SAMPLING MEDIA TYPE AND SIZE	VOCs (ppm)	SHUT-IN TEST PASS/FAIL	COMMENTS CH4 %LEL	COMMENTS pressure in wc	
B-1-5	5	0938-0949	200	1000-1007	SSV	1	1L SUMMA	0	PASS	0	0.02	-28.5 -5
B-1-15	15	0938-0951		1001-1008				0		0	0.03	-30 -5
B-2-5	5	1025-1036		1037-1045				0		0	0.01	
B-2-15	15	1025-1038		1039-1044				0		0	0.05	
B-3-5	5	1107-1119		1119-1125				0		0	0.03	
B-3-15	15	1107-1126		1121-1126				2		0	0.01	
B-4-5	5	1207-1213		1214-1220				0		0	0.06	
B-4-15	15	1202-1215		1216-1221				1		0	0.00	
B-5-5	5	1335-1346		1347-				0		0	-0.01	
B-5-15	15	1335-1349		1350-				2		0	-0.01	
B-6-5	5	1259-1310		1311-1318				1		0	-0.03	
B-6-15	15	1259-1302	↓	1313-1319	↓	↓	↓	1	↓	0	-0.03	

SAMPLE TYPE:

SVI = Subslab Soil Vapor Intrusion
SSV = Subsurface Soil Vapor
PSV = Passive Subsurface Soil Vapor

SIGNATURES:

SAMPLED BY: Audrey Clark

REVIEWED BY: ___

CITADEL EHS
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Appendix F
Laboratory Analytical Reports

Date of Report: 09/17/2025

Doug Whichard

Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Client Project:	2230.1002.0
Pace Project:	Rio Hondo Park
Pace Work Order:	2515628
Invoice ID:	B523785

Enclosed are the results of analyses for samples received by the laboratory on 9/4/2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Ragen Williams
Client Service Rep

Steven Bennett
Operations Manager

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

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Sample Information

Chain of Custody and Cooler Receipt form 4
Laboratory / Client Sample Cross Reference 8

Sample Results

2515628-01 - B-1-5
Volatile Organic Analysis (EPA Method 8260B) 11
Total Petroleum Hydrocarbons 14
Total Concentrations (TTLC) 15

2515628-02 - B-1-10
Volatile Organic Analysis (EPA Method 8260B) 16
Total Petroleum Hydrocarbons 19
Total Concentrations (TTLC) 20

2515628-03 - B-1-15
Volatile Organic Analysis (EPA Method 8260B) 21
Total Petroleum Hydrocarbons 24
Total Concentrations (TTLC) 25

2515628-04 - B-2-5
Volatile Organic Analysis (EPA Method 8260B) 26
Total Petroleum Hydrocarbons 29
Total Concentrations (TTLC) 30

2515628-05 - B-2-10
Volatile Organic Analysis (EPA Method 8260B) 31
Total Petroleum Hydrocarbons 34
Total Concentrations (TTLC) 35

2515628-06 - B-2-15
Volatile Organic Analysis (EPA Method 8260B) 36
Total Petroleum Hydrocarbons 39
Total Concentrations (TTLC) 40

2515628-07 - B-3-5
Volatile Organic Analysis (EPA Method 8260B) 41
Total Petroleum Hydrocarbons 44
Total Concentrations (TTLC) 45

2515628-08 - B-3-10
Volatile Organic Analysis (EPA Method 8260B) 46
Total Petroleum Hydrocarbons 49
Total Concentrations (TTLC) 50

2515628-09 - B-3-15
Volatile Organic Analysis (EPA Method 8260B) 51
Total Petroleum Hydrocarbons 54
Total Concentrations (TTLC) 55

2515628-10 - B-4-5
Volatile Organic Analysis (EPA Method 8260B) 56
Total Petroleum Hydrocarbons 59
Total Concentrations (TTLC) 60

2515628-11 - B-4-10
Volatile Organic Analysis (EPA Method 8260B) 61
Total Petroleum Hydrocarbons 64
Total Concentrations (TTLC) 65

2515628-12 - B-4-15
Volatile Organic Analysis (EPA Method 8260B) 66
Total Petroleum Hydrocarbons 69
Total Concentrations (TTLC) 70

2515628-13 - B-5-5
Volatile Organic Analysis (EPA Method 8260B) 71

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Total Petroleum Hydrocarbons 74
Total Concentrations (TTLC) 75

2515628-14 - B-5-10

Volatile Organic Analysis (EPA Method 8260B) 76
Total Petroleum Hydrocarbons 79
Total Concentrations (TTLC) 80

2515628-15 - B-5-15

Volatile Organic Analysis (EPA Method 8260B) 81
Total Petroleum Hydrocarbons 84
Total Concentrations (TTLC) 85

2515628-16 - B-6-5

Volatile Organic Analysis (EPA Method 8260B) 86
Total Petroleum Hydrocarbons 89
Total Concentrations (TTLC) 90

2515628-17 - B-6-10

Volatile Organic Analysis (EPA Method 8260B) 91
Total Petroleum Hydrocarbons 94
Total Concentrations (TTLC) 95

2515628-18 - B-6-15

Volatile Organic Analysis (EPA Method 8260B) 96
Total Petroleum Hydrocarbons 99
Total Concentrations (TTLC) 100

Quality Control Reports

Volatile Organic Analysis (EPA Method 8260B)

Method Blank Analysis 101
Laboratory Control Sample 108
Precision and Accuracy 110

Total Petroleum Hydrocarbons

Method Blank Analysis 113
Laboratory Control Sample 114
Precision and Accuracy 115

Total Concentrations (TTLC)

Method Blank Analysis 116
Laboratory Control Sample 117
Precision and Accuracy 118

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Notes and Definitions 120

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2515628

2515628

2515628

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Scan QR Code for instructions

Company Name: Citadel EHS	Contact/Report To: Doug Whichard, Audrey Clark
Street Address: 2525 Cherry Avenue, #105, Signal Hill, CA 90755	Phone #: 925-784-1541, 858-829-2047
	E-Mail: dwhichard@citadelEHS.com, aclark@citadelEHS.com
	Cc E-Mail:
Customer Project #: 2230.1002.0	Invoice to:
Project Name: Rio Hondo Park	Invoice E-mail:
Site Collection Info/Facility ID (as applicable): 8421 San Luis Potosi, Pico Rivera, CA	Purchase Order # (if applicable): #114683
	Quote #:
Time Zone Collected: [ ] AK [X] PT [ ] MT [ ] CT [ ] ET	County / State origin of sample(s): Los Angeles, CA
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested: Standard TAT
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Specify Container Size ** : 10

Identify Container Preservative Type*** : 1

Analysis Requested: VOCs 8260B; TPH Full Range 8015M; Title 22 Metals 6010B/7471A

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Sample Comment
B-1-5	S	G			9/3/25	0800	1			-1
B-1-10						0805				-2
B-1-15						0810				-3
B-2-5						0910				-4
B-2-10						0915				-5
B-2-15						0920				-6
B-3-5						1030				-7
B-3-10						1035				-8
B-3-15						1040				-9
B-4-5						1130				-10

Additional Instructions from Pace® :
Deliver to Bakersfield
Standard TAT

Collected By: Audrey Clark
Printed Name: Audrey Clark
Signature: AClark

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
AClark / Citadel EHS	9/3/25 1550	PACE	9/3/25 1550	
PACE	9/3/25 1615	FShet Olivares	9/4/25 1057	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
				Page: 1 of 2

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Pace Analytical® ENVIRONMENTAL SCIENCES

2515628

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Citadel EHS
Street Address: 2525 Cherry Avenue, #105, Signal Hill, CA 90755
Customer Project #: 2230.1002.0
Project Name: Rio Hondo Park
Site Collection Info/Facility ID (as applicable): 8421 San Luis Potosi, Pico Rivera, CA

Contact/Report To: Doug Whichard, Audrey Clark
Phone #: 925-784-1541, 858-829-2047
E-Mail: dwhichard@citadelEHS.com, aclark@citadelEHS.com
Cc E-Mail:
Invoice to:
Invoice E-mail:
Purchase Order # (if applicable): #114683
Quote #:

Specify Container Size **: 10
Identify Container Preservative Type***: 1

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Time Zone Collected: [ ] AK [✓] PT [ ] MT [ ] CT [ ] ET
County / State origin of sample(s): Los Angeles, CA

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
Date Results Requested: Standard TAT
DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Analysis Requested

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID:

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	VOCs 8260B	TPH Full Range 8015M	Title 22 Metals 6010B/7471A	Sample Comment	Preservation non-conformance identified for sample
B-4-10	S	G			9/3/25	1155	1			X	X	X	-11	
B-4-15						1140							-12	
B-5-5						1305							-13	
B-5-10						1310							-14	
B-5-15						1315							-15	
B-6-5						1220							-16	
B-6-10						1225							-17	
B-6-15						1230							-18	

Additional Instructions from Pace®: Deliver to Bakersfield Standard TAT

Collected By: Audrey Clark
Printed Name: Audrey Clark
Signature: AClark

Customer Remarks / Special Conditions / Possible Hazards:
Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
AClark / Citadel EHS	9/3/25 1550	PACE	9/3/25 1550	
PACE	9/3/25 1615	Olivieros	9/4/25 1055	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
				Page: 2 of 2

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FedEx tracking: 4045 4582 4325

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PACE ANALYTICAL — COOLER RECEIPT FORM — Page 1 Of 2

Submission #: 2515628

SHIPPING INFORMATION
Fed Ex ☑ UPS ☐ GSO / GLS ☐ Hand Delivery ☐
Pace Lab Field Service ☐ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☑ None ☐ Box ☐
Other ☐ (Specify)_____

FREE LIQUID
YES ☑ NO ☐
W / (S)

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☐ No ☐ All samples containers intact? Yes ☐ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: NA Thermometer ID: 274

Temperature: (A) 3.9 °C / (C) 3.9 °C

Date/Time 9/4/25

Analyst Init JCD 1052

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr+6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE	A	A	A	A	A	A	A	A	A	A
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

CHK BY ... DISTRIBUTION ... RESULTS

Comments:

Sample Numbering Completed By: JCD Date/Time: 9/5/25 8:55

A = Actual / C = Corrected

Rev 23 05/20/22

[S:\WPDocs\WordPerfect\LAB_DOCS\FORMS\SAMPLECrev 20]

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PACE ANALYTICAL — COOLER RECEIPT FORM — Page 2 Of 2

Submission #: 2515628

SHIPPING INFORMATION
Fed Ex ☑ UPS ☐ GSO / GLS ☐ Hand Delivery ☐
Pace Lab Field Service ☐ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☑ None ☐ Box ☐
Other ☐ (Specify)_____

FREE LIQUID
YES ☑ NO ☐
W / (S)

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☐ No ☐ All samples containers intact? Yes ☐ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: NA Thermometer ID: 274
Temperature: (A) 3.9 °C / (C) 3.9 °C

Date/Time 9/4/25
Analyst Init JDZ 1052

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE	A	A	A	A	A	A	A	A		
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:
Sample Numbering Completed By: MCR Date/Time: 9/4/25 853
A = Actual / C = Corrected

Rev 23 05/20/22
[S:\WPDocs\WordPerfect\LAB_DOCS\FORMS\SAMPREC rev 20]

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ENVIRONMENTAL SCIENCES

Citadel EHS - Signal Hill	**Reported:** 09/17/2025 18:26
2525 Cherry Ave. Suite 105	Project: Rio Hondo Park
Signal Hill, CA 90755	Project Number: 2230.1002.0
	Project Manager: Doug Whichard

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2515628-01	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 08:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-1-5	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-02	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 08:05
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-1-10	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-03	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 08:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-1-15	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-04	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 09:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-2-5	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-05	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 09:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-2-10	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-06	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 09:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-2-15	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-07	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 10:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-3-5	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2515628-08	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 10:35
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-3-10	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-09	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 10:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-3-15	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-10	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 11:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-4-5	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-11	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 11:55
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-4-10	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-12	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 11:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-4-15	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-13	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 13:05
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-5-5	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-14	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 13:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-5-10	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil

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2525 Cherry Ave. Suite 105
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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2515628-15	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 13:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-5-15	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-16	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 12:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-6-5	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-17	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 12:25
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-6-10	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil
2515628-18	**COC Number:**	---	**Receive Date:**	09/04/2025 10:52
	Project Number:	---	**Sampling Date:**	09/03/2025 12:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-6-15	**Lab Matrix:**	Solids
	Sampled By:	Audrey Clark	**Sample Type:**	Soil

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-01 | **Client Sample Name:** B-1-5, 9/3/2025 8:00:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	**0.0011**	**mg/kg**	**0.0050**	**0.00067**	**EPA-8260B**	**ND**	**J**	**1**
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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ENVIRONMENTAL SCIENCES

Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-01 | **Client Sample Name:** B-1-5, 9/3/2025 8:00:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-01 | **Client Sample Name:** B-1-5, 9/3/2025 8:00:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.8	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.8	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/10/25 19:57	SR1	MS-V17	1	B218956	EPA 5030 Soil MS

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-01 | **Client Sample Name:** B-1-5, 9/3/2025 8:00:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	ND	mg/kg	1.0	0.70	EPA-8015B	ND		1
TPH - Oil Range Organics (C28 - C40)	ND	mg/kg	2.0	0.98	EPA-8015B	ND		1
Tetracosane (Surrogate)	87.5	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 12:49	BUP	GC-5	1.003	B218857	EPA 3546

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-01 | **Client Sample Name:** B-1-5, 9/3/2025 8:00:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**1.4**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**40**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.13**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	**0.055**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	**ND**	**J**	**1**
Chromium	**9.6**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**3.6**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**5.0**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**1.3**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.089**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.30**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**5.2**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**16**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**20**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:03	NW1	ICP5	1	B219287	EPA 3050B
2	EPA-7471A	09/15/25 12:24	09/15/25 15:31	TMT	CETAC3	0.962	B219182	EPA 7471A

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-02 | **Client Sample Name:** B-1-10, 9/3/2025 8:05:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-02 | **Client Sample Name:** B-1-10, 9/3/2025 8:05:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-02 | **Client Sample Name:** B-1-10, 9/3/2025 8:05:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/10/25 20:21	SR1	MS-V17	1	B218956	EPA 5030 Soil MS

DCN = Data Continuation Number

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-02 | **Client Sample Name:** B-1-10, 9/3/2025 8:05:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**0.91**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**	**J**	**1**
TPH - Oil Range Organics (C28 - C40)	ND	mg/kg	2.0	0.98	EPA-8015B	ND		1
Tetracosane (Surrogate)	102	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 13:08	BUP	GC-5	1.003	B218857	EPA 3546

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-02 | **Client Sample Name:** B-1-10, 9/3/2025 8:05:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**1.3**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**36**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.12**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**8.2**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**3.5**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**6.3**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**1.3**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.037**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.31**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**5.4**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**19**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**20**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:13	NW1	ICP5	0.971	B219287	EPA 3050B
2	EPA-7471A	09/15/25 12:24	09/15/25 15:33	TMT	CETAC3	1.008	B219182	EPA 7471A

DCN = Data Continuation Number

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-03 | **Client Sample Name:** B-1-15, 9/3/2025 8:10:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-03 | **Client Sample Name:** B-1-15, 9/3/2025 8:10:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-03 | **Client Sample Name:** B-1-15, 9/3/2025 8:10:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.7	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	100	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/10/25 20:45	SR1	MS-V17	1	B218956	EPA 5030 Soil MS

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-03 | **Client Sample Name:** B-1-15, 9/3/2025 8:10:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**1.6**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	ND	mg/kg	2.0	0.98	EPA-8015B	ND		1
Tetracosane (Surrogate)	92.6	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 13:27	BUP	GC-5	0.997	B218857	EPA 3546

DCN = Data Continuation Number

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-03 | **Client Sample Name:** B-1-15, 9/3/2025 8:10:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.7**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**67**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.22**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	**0.11**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	**ND**	**J**	**1**
Chromium	**12**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**5.6**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**12**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**1.9**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.053**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.33**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**8.8**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**27**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**32**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:14	NW1	ICP5	0.917	B219287	EPA 3050B
2	EPA-7471A	09/15/25 12:24	09/15/25 15:34	TMT	CETAC3	0.962	B219182	EPA 7471A

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-04 | **Client Sample Name:** B-2-5, 9/3/2025 9:10:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-04 | **Client Sample Name:** B-2-5, 9/3/2025 9:10:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-04 | **Client Sample Name:** B-2-5, 9/3/2025 9:10:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.4	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/10/25 21:09	SR1	MS-V17	1	B218956	EPA 5030 Soil MS

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-04 | **Client Sample Name:** B-2-5, 9/3/2025 9:10:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**1.6**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	**3.2**	**mg/kg**	**2.0**	**0.98**	**EPA-8015B**	**ND**		**1**
Tetracosane (Surrogate)	91.7	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 13:45	BUP	GC-5	0.984	B218857	EPA 3546

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-04 | **Client Sample Name:** B-2-5, 9/3/2025 9:10:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**3.0**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**60**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.16**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	**0.090**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	**ND**	**J**	**1**
Chromium	**12**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**4.8**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**9.3**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**1.6**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.039**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.90**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**7.7**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**23**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**27**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:19	NW1	ICP5	1	B219287	EPA 3050B
2	EPA-7471A	09/15/25 12:24	09/15/25 15:36	TMT	CETAC3	0.977	B219182	EPA 7471A

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-05 | **Client Sample Name:** B-2-10, 9/3/2025 9:15:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-05 | **Client Sample Name:** B-2-10, 9/3/2025 9:15:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-05 | **Client Sample Name:** B-2-10, 9/3/2025 9:15:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.2	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	102	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/10/25 21:33	SR1	MS-V17	1	B218956	EPA 5030 Soil MS

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-05 | **Client Sample Name:** B-2-10, 9/3/2025 9:15:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**1.2**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	**1.2**	**mg/kg**	**2.0**	**0.98**	**EPA-8015B**	**ND**	**J**	**1**
Tetracosane (Surrogate)	92.7	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 14:04	BUP	GC-5	0.990	B218857	EPA 3546

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-05 | **Client Sample Name:** B-2-10, 9/3/2025 9:15:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**1.2**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**47**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.14**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	**0.079**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	**ND**	**J**	**1**
Chromium	**12**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**4.1**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**8.1**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**1.6**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.034**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**1.3**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**6.7**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**19**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**23**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:21	NW1	ICP5	0.990	B219287	EPA 3050B
2	EPA-7471A	09/15/25 12:24	09/15/25 15:37	TMT	CETAC3	0.992	B219182	EPA 7471A

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-06 | **Client Sample Name:** B-2-15, 9/3/2025 9:20:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-06 | **Client Sample Name:** B-2-15, 9/3/2025 9:20:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-06 | **Client Sample Name:** B-2-15, 9/3/2025 9:20:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.5	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/10/25 21:58	SR1	MS-V17	1	B218956	EPA 5030 Soil MS

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-06 | **Client Sample Name:** B-2-15, 9/3/2025 9:20:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	ND	mg/kg	1.0	0.70	EPA-8015B	ND		1
TPH - Oil Range Organics (C28 - C40)	ND	mg/kg	2.0	0.98	EPA-8015B	ND		1
Tetracosane (Surrogate)	61.3	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 11:24	BUP	GC-19	1.017	B218857	EPA 3546

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-06 | **Client Sample Name:** B-2-15, 9/3/2025 9:20:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.4**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**59**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.19**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	**0.14**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	**ND**	**J**	**1**
Chromium	**12**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**5.2**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**12**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**4.0**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**		**1**
Mercury	**0.13**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.21**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**8.5**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**28**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**34**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:22	NW1	ICP5	0.990	B219287	EPA 3050B
2	EPA-7471A	09/15/25 12:24	09/15/25 15:39	TMT	CETAC3	0.992	B219182	EPA 7471A

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-07 | **Client Sample Name:** B-3-5, 9/3/2025 10:30:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-07 | **Client Sample Name:** B-3-5, 9/3/2025 10:30:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-07 | **Client Sample Name:** B-3-5, 9/3/2025 10:30:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	105	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/10/25 19:09	EAB	MS-V18	1	B218877	EPA 5030 Soil MS

DCN = Data Continuation Number

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-07 | **Client Sample Name:** B-3-5, 9/3/2025 10:30:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**2.8**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	**10**	**mg/kg**	**2.0**	**0.98**	**EPA-8015B**	**ND**		**1**
Tetracosane (Surrogate)	117	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 11:41	BUP	GC-19	1.003	B218857	EPA 3546

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-07 | **Client Sample Name:** B-3-5, 9/3/2025 10:30:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.0**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**94**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.23**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	**0.14**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	**ND**	**J**	**1**
Chromium	**18**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**6.7**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**15**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**2.6**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**		**1**
Mercury	**0.096**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.27**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**11**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**35**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**35**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:24	NW1	ICP5	0.952	B219287	EPA 3050B
2	EPA-7471A	09/15/25 12:24	09/15/25 15:46	TMT	CETAC3	0.992	B219182	EPA 7471A

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-08 | **Client Sample Name:** B-3-10, 9/3/2025 10:35:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-08 | **Client Sample Name:** B-3-10, 9/3/2025 10:35:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-08 | **Client Sample Name:** B-3-10, 9/3/2025 10:35:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.4	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	102	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/10/25 22:22	SR1	MS-V17	1	B218956	EPA 5030 Soil MS

DCN = Data Continuation Number

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-08 | **Client Sample Name:** B-3-10, 9/3/2025 10:35:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**2.1**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	**3.6**	**mg/kg**	**2.0**	**0.98**	**EPA-8015B**	**ND**		**1**
Tetracosane (Surrogate)	76.6	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 11:59	BUP	GC-19	0.984	B218857	EPA 3546

DCN = Data Continuation Number

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-08 | **Client Sample Name:** B-3-10, 9/3/2025 10:35:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**1.2**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**35**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.11**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**8.3**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**2.7**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**5.1**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**1.1**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.088**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.69**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**4.4**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**15**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**16**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:26	NW1	ICP5	0.917	B219287	EPA 3050B
2	EPA-7471A	09/15/25 12:24	09/15/25 15:47	TMT	CETAC3	0.962	B219182	EPA 7471A

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-09 | **Client Sample Name:** B-3-15, 9/3/2025 10:40:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-09 | **Client Sample Name:** B-3-15, 9/3/2025 10:40:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-09 | **Client Sample Name:** B-3-15, 9/3/2025 10:40:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.9	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.8	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/11/25 08:07	RCC	MS-V17	1	B218956	EPA 5030 Soil MS

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-09 | **Client Sample Name:** B-3-15, 9/3/2025 10:40:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**1.4**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	ND	mg/kg	2.0	0.98	EPA-8015B	ND		1
Tetracosane (Surrogate)	87.7	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 12:17	BUP	GC-19	0.993	B218857	EPA 3546

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-09 | **Client Sample Name:** B-3-15, 9/3/2025 10:40:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.1**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**53**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.15**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	**0.065**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	**ND**	**J**	**1**
Chromium	**9.0**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**4.2**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**8.0**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**1.4**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.039**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.23**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**6.3**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**20**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**25**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:27	NW1	ICP5	0.935	B219287	EPA 3050B
2	EPA-7471A	09/15/25 12:24	09/15/25 15:52	TMT	CETAC3	1.008	B219182	EPA 7471A

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-10 | **Client Sample Name:** B-4-5, 9/3/2025 11:30:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-10 | **Client Sample Name:** B-4-5, 9/3/2025 11:30:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-10 | **Client Sample Name:** B-4-5, 9/3/2025 11:30:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.0	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	100	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/11/25 08:31	RCC	MS-V17	1	B218957	EPA 5030 Soil MS

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-10 | **Client Sample Name:** B-4-5, 9/3/2025 11:30:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**1.7**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	ND	mg/kg	2.0	0.98	EPA-8015B	ND		1
Tetracosane (Surrogate)	92.7	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 12:34	BUP	GC-19	0.987	B218857	EPA 3546

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-10 | **Client Sample Name:** B-4-5, 9/3/2025 11:30:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.2**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**73**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.21**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	**0.099**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	**ND**	**J**	**1**
Chromium	**12**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**5.0**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**12**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**2.5**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**		**1**
Mercury	**0.030**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.25**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**8.8**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**24**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**30**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:29	NW1	ICP5	0.943	B219287	EPA 3050B
2	EPA-7471A	09/15/25 12:24	09/15/25 15:54	TMT	CETAC3	0.977	B219182	EPA 7471A

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-11 | **Client Sample Name:** B-4-10, 9/3/2025 11:55:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-11 | **Client Sample Name:** B-4-10, 9/3/2025 11:55:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-11 | **Client Sample Name:** B-4-10, 9/3/2025 11:55:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.6	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/11/25 08:55	RCC	MS-V17	1	B218957	EPA 5030 Soil MS

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-11 | **Client Sample Name:** B-4-10, 9/3/2025 11:55:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**1.3**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	ND	mg/kg	2.0	0.98	EPA-8015B	ND		1
Tetracosane (Surrogate)	93.5	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 12:52	BUP	GC-19	1.017	B218857	EPA 3546

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-11 | **Client Sample Name:** B-4-10, 9/3/2025 11:55:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**4.8**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**93**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.23**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	**0.15**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	**ND**	**J**	**1**
Chromium	**21**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**6.1**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**19**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**2.9**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**		**1**
Mercury	**0.086**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**1.0**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**13**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**35**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**34**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:31	NW1	ICP5	0.962	B219287	EPA 3050B
2	EPA-7471A	09/15/25 12:24	09/15/25 15:55	TMT	CETAC3	0.977	B219182	EPA 7471A

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-12 | **Client Sample Name:** B-4-15, 9/3/2025 11:40:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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ENVIRONMENTAL SCIENCES

Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-12 | **Client Sample Name:** B-4-15, 9/3/2025 11:40:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-12 | **Client Sample Name:** B-4-15, 9/3/2025 11:40:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.2	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	102	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/11/25 09:19	RCC	MS-V17	1	B218957	EPA 5030 Soil MS

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-12 | **Client Sample Name:** B-4-15, 9/3/2025 11:40:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**1.4**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	ND	mg/kg	2.0	0.98	EPA-8015B	ND		1
Tetracosane (Surrogate)	92.0	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 13:10	BUP	GC-19	1.003	B218857	EPA 3546

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-12 | **Client Sample Name:** B-4-15, 9/3/2025 11:40:00AM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**1.3**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**33**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.12**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**7.5**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**3.1**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**6.0**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**1.6**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.070**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.21**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**4.8**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**16**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**20**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:32	NW1	ICP5	0.935	B219287	EPA 3050B
2	EPA-7471A	09/15/25 12:24	09/15/25 16:01	TMT	CETAC3	0.977	B219182	EPA 7471A

DCN = Data Continuation Number

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-13 | **Client Sample Name:** B-5-5, 9/3/2025 1:05:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-13 | **Client Sample Name:** B-5-5, 9/3/2025 1:05:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-13 | **Client Sample Name:** B-5-5, 9/3/2025 1:05:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.1	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	100	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/11/25 02:00	SR1	MS-V17	1	B218957	EPA 5030 Soil MS

DCN = Data Continuation Number

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2525 Cherry Ave. Suite 105
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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-13 | **Client Sample Name:** B-5-5, 9/3/2025 1:05:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**1.6**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	**1.7**	**mg/kg**	**2.0**	**0.98**	**EPA-8015B**	**ND**	**J**	**1**
Tetracosane (Surrogate)	76.6	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 11:54	BUP	GC-5	1.003	B218857	EPA 3546

DCN = Data Continuation Number

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ENVIRONMENTAL SCIENCES

Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-13 | **Client Sample Name:** B-5-5, 9/3/2025 1:05:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**3.6**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**94**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.21**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	**0.14**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	**ND**	**J**	**1**
Chromium	**15**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**7.5**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**16**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**2.3**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.037**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.14**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**12**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**32**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**43**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:34	NW1	ICP5	0.935	B219287	EPA 3050B
2	EPA-7471A	09/17/25 08:45	09/17/25 11:53	TMT	CETAC3	1.008	B219299	EPA 7471A

DCN = Data Continuation Number

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-14 | **Client Sample Name:** B-5-10, 9/3/2025 1:10:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-14 | **Client Sample Name:** B-5-10, 9/3/2025 1:10:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-14 | **Client Sample Name:** B-5-10, 9/3/2025 1:10:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.9	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.7	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/11/25 09:43	RCC	MS-V17	1	B218957	EPA 5030 Soil MS

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-14 | **Client Sample Name:** B-5-10, 9/3/2025 1:10:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**1.5**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	ND	mg/kg	2.0	0.98	EPA-8015B	ND		1
Tetracosane (Surrogate)	99.6	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 13:28	BUP	GC-19	1.007	B218857	EPA 3546

DCN = Data Continuation Number

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-14 | **Client Sample Name:** B-5-10, 9/3/2025 1:10:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**1.8**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**33**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.11**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**10**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**4.2**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**8.7**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**1.3**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.039**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**1.2**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**6.4**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**20**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**18**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:39	NW1	ICP5	0.952	B219287	EPA 3050B
2	EPA-7471A	09/17/25 08:45	09/17/25 12:03	TMT	CETAC3	1.008	B219299	EPA 7471A

DCN = Data Continuation Number

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-15 | **Client Sample Name:** B-5-15, 9/3/2025 1:15:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-15 | **Client Sample Name:** B-5-15, 9/3/2025 1:15:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-15 | **Client Sample Name:** B-5-15, 9/3/2025 1:15:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.2	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.4	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/11/25 10:08	RCC	MS-V17	1	B218957	EPA 5030 Soil MS

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-15 | **Client Sample Name:** B-5-15, 9/3/2025 1:15:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**1.2**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	ND	mg/kg	2.0	0.98	EPA-8015B	ND		1
Tetracosane (Surrogate)	91.0	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 13:46	BUP	GC-19	0.987	B218857	EPA 3546

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-15 | **Client Sample Name:** B-5-15, 9/3/2025 1:15:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**1.4**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**40**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.12**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**6.5**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**3.5**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**6.7**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**1.3**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.044**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.079**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**5.1**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**16**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**20**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:40	NW1	ICP5	0.926	B219287	EPA 3050B
2	EPA-7471A	09/17/25 08:45	09/17/25 12:04	TMT	CETAC3	0.992	B219299	EPA 7471A

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-16 | **Client Sample Name:** B-6-5, 9/3/2025 12:20:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-16 | **Client Sample Name:** B-6-5, 9/3/2025 12:20:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-16 | **Client Sample Name:** B-6-5, 9/3/2025 12:20:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/11/25 10:32	RCC	MS-V17	1	B218957	EPA 5030 Soil MS

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-16 | **Client Sample Name:** B-6-5, 9/3/2025 12:20:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**1.7**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	**2.7**	**mg/kg**	**2.0**	**0.98**	**EPA-8015B**	**ND**		**1**
Tetracosane (Surrogate)	93.3	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 14:04	BUP	GC-19	0.997	B218857	EPA 3546

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-16 | **Client Sample Name:** B-6-5, 9/3/2025 12:20:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.0**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**41**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.14**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	**0.082**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	**ND**	**J**	**1**
Chromium	**9.8**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**4.0**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**7.3**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**1.4**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.026**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.12**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**6.9**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**21**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**22**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:42	NW1	ICP5	0.962	B219287	EPA 3050B
2	EPA-7471A	09/17/25 08:45	09/17/25 12:06	TMT	CETAC3	0.992	B219299	EPA 7471A

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-17 | **Client Sample Name:** B-6-10, 9/3/2025 12:25:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-17 | **Client Sample Name:** B-6-10, 9/3/2025 12:25:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-17 | **Client Sample Name:** B-6-10, 9/3/2025 12:25:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.9	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/11/25 10:56	RCC	MS-V17	1	B218957	EPA 5030 Soil MS

DCN = Data Continuation Number

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-17 | **Client Sample Name:** B-6-10, 9/3/2025 12:25:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**1.0**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	ND	mg/kg	2.0	0.98	EPA-8015B	ND		1
Tetracosane (Surrogate)	103	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 14:57	BUP	GC-19	0.987	B218857	EPA 3546

DCN = Data Continuation Number

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-17 | **Client Sample Name:** B-6-10, 9/3/2025 12:25:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**1.2**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**35**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.14**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	**0.066**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	**ND**	**J**	**1**
Chromium	**7.9**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**3.6**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**6.2**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**1.3**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.033**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.21**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**5.3**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**16**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**19**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:44	NW1	ICP5	0.943	B219287	EPA 3050B
2	EPA-7471A	09/17/25 08:45	09/17/25 12:07	TMT	CETAC3	1.008	B219299	EPA 7471A

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-18 | **Client Sample Name:** B-6-15, 9/3/2025 12:30:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-18 | **Client Sample Name:** B-6-15, 9/3/2025 12:30:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.058	Luft-GC/MS	ND		1

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Pace Sample ID: 2515628-18 | **Client Sample Name:** B-6-15, 9/3/2025 12:30:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.3	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	09/08/25 13:54	09/11/25 11:20	RCC	MS-V17	1	B218957	EPA 5030 Soil MS

DCN = Data Continuation Number

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Pace Sample ID: 2515628-18 | **Client Sample Name:** B-6-15, 9/3/2025 12:30:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Diesel Range Organics (C10 - C28)	**1.5**	**mg/kg**	**1.0**	**0.70**	**EPA-8015B**	**ND**		**1**
TPH - Oil Range Organics (C28 - C40)	ND	mg/kg	2.0	0.98	EPA-8015B	ND		1
Tetracosane (Surrogate)	108	%	40 - 130 (LCL - UCL)		EPA-8015B			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B	09/12/25 17:40	09/15/25 15:14	BUP	GC-19	0.990	B218857	EPA 3546

DCN = Data Continuation Number

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ENVIRONMENTAL SCIENCES

Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Pace Sample ID: 2515628-18 | **Client Sample Name:** B-6-15, 9/3/2025 12:30:00PM, Audrey Clark

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.1**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	**ND**		**1**
Barium	**33**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	**ND**		**1**
Beryllium	**0.13**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	**ND**	**J**	**1**
Cadmium	**0.056**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	**ND**	**J**	**1**
Chromium	**5.9**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	**ND**		**1**
Cobalt	**2.8**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	**ND**		**1**
Copper	**4.3**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	**ND**		**1**
Lead	**1.1**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	**ND**	**J**	**1**
Mercury	**0.023**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	**ND**	**J**	**2**
Molybdenum	**0.41**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	**ND**	**J**	**1**
Nickel	**4.0**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	**ND**		**1**
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**14**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	**ND**		**1**
Zinc	**17**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/16/25 16:40	09/17/25 11:45	NW1	ICP5	0.926	B219287	EPA 3050B
2	EPA-7471A	09/17/25 08:45	09/17/25 12:09	TMT	CETAC3	0.992	B219299	EPA 7471A

DCN = Data Continuation Number

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B218877							
Benzene	B218877-BLK1	ND	mg/kg	0.0050	0.00067		1
Bromobenzene	B218877-BLK1	ND	mg/kg	0.0050	0.00087		1
Bromochloromethane	B218877-BLK1	ND	mg/kg	0.0050	0.00081		1
Bromodichloromethane	B218877-BLK1	ND	mg/kg	0.0050	0.00078		1
Bromoform	B218877-BLK1	ND	mg/kg	0.0050	0.00070		1
Bromomethane	B218877-BLK1	ND	mg/kg	0.0050	0.0017		1
n-Butylbenzene	B218877-BLK1	ND	mg/kg	0.0050	0.00076		1
sec-Butylbenzene	B218877-BLK1	ND	mg/kg	0.0050	0.00071		1
tert-Butylbenzene	B218877-BLK1	ND	mg/kg	0.0050	0.00085		1
Carbon tetrachloride	B218877-BLK1	ND	mg/kg	0.0050	0.00078		1
Chlorobenzene	B218877-BLK1	ND	mg/kg	0.0050	0.00077		1
Chloroethane	B218877-BLK1	ND	mg/kg	0.0050	0.0011		1
Chloroform	B218877-BLK1	ND	mg/kg	0.0050	0.00090		1
Chloromethane	B218877-BLK1	ND	mg/kg	0.0050	0.0011		1
2-Chlorotoluene	B218877-BLK1	ND	mg/kg	0.0050	0.00087		1
4-Chlorotoluene	B218877-BLK1	ND	mg/kg	0.0050	0.00070		1
Dibromochloromethane	B218877-BLK1	ND	mg/kg	0.0050	0.00080		1
1,2-Dibromo-3-chloropropane	B218877-BLK1	ND	mg/kg	0.0050	0.00096		1
1,2-Dibromoethane	B218877-BLK1	ND	mg/kg	0.0050	0.00082		1
Dibromomethane	B218877-BLK1	ND	mg/kg	0.0050	0.0014		1
1,2-Dichlorobenzene	B218877-BLK1	ND	mg/kg	0.0050	0.00079		1
1,3-Dichlorobenzene	B218877-BLK1	ND	mg/kg	0.0050	0.00073		1
1,4-Dichlorobenzene	B218877-BLK1	ND	mg/kg	0.0050	0.00073		1
Dichlorodifluoromethane	B218877-BLK1	ND	mg/kg	0.0050	0.00079		1
1,1-Dichloroethane	B218877-BLK1	ND	mg/kg	0.0050	0.00064		1
1,2-Dichloroethane	B218877-BLK1	ND	mg/kg	0.0050	0.00073		1
1,1-Dichloroethene	B218877-BLK1	ND	mg/kg	0.0050	0.0011		1
cis-1,2-Dichloroethene	B218877-BLK1	ND	mg/kg	0.0050	0.00054		1
trans-1,2-Dichloroethene	B218877-BLK1	ND	mg/kg	0.0050	0.0037		1
Total 1,2-Dichloroethene	B218877-BLK1	ND	mg/kg	0.010	0.0043		1
1,2-Dichloropropane	B218877-BLK1	ND	mg/kg	0.0050	0.00080		1
1,3-Dichloropropane	B218877-BLK1	ND	mg/kg	0.0050	0.00067		1
2,2-Dichloropropane	B218877-BLK1	ND	mg/kg	0.0050	0.00067		1
1,1-Dichloropropene	B218877-BLK1	ND	mg/kg	0.0050	0.00067		1

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ENVIRONMENTAL SCIENCES

Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B218877							
cis-1,3-Dichloropropene	B218877-BLK1	ND	mg/kg	0.0050	0.00058		1
trans-1,3-Dichloropropene	B218877-BLK1	ND	mg/kg	0.0050	0.00066		1
Total 1,3-Dichloropropene	B218877-BLK1	ND	mg/kg	0.010	0.0013		1
Ethylbenzene	B218877-BLK1	ND	mg/kg	0.0050	0.00069		1
Hexachlorobutadiene	B218877-BLK1	ND	mg/kg	0.0050	0.00067		1
Isopropylbenzene	B218877-BLK1	ND	mg/kg	0.0050	0.00080		1
p-Isopropyltoluene	B218877-BLK1	ND	mg/kg	0.0050	0.00059		1
Methylene chloride	B218877-BLK1	ND	mg/kg	0.010	0.0011		1
Methyl t-butyl ether	B218877-BLK1	ND	mg/kg	0.0050	0.00056		1
Naphthalene	B218877-BLK1	ND	mg/kg	0.0050	0.00099		1
n-Propylbenzene	B218877-BLK1	ND	mg/kg	0.0050	0.00071		1
Styrene	B218877-BLK1	ND	mg/kg	0.0050	0.00062		1
1,1,1,2-Tetrachloroethane	B218877-BLK1	ND	mg/kg	0.0050	0.00095		1
1,1,2,2-Tetrachloroethane	B218877-BLK1	ND	mg/kg	0.0050	0.00084		1
Tetrachloroethene	B218877-BLK1	ND	mg/kg	0.0050	0.00097		1
Toluene	B218877-BLK1	ND	mg/kg	0.0050	0.00069		1
1,2,3-Trichlorobenzene	B218877-BLK1	ND	mg/kg	0.0050	0.0015		1
1,2,4-Trichlorobenzene	B218877-BLK1	ND	mg/kg	0.0050	0.0014		1
1,1,1-Trichloroethane	B218877-BLK1	ND	mg/kg	0.0050	0.00067		1
1,1,2-Trichloroethane	B218877-BLK1	ND	mg/kg	0.0050	0.00094		1
Trichloroethene	B218877-BLK1	ND	mg/kg	0.0050	0.00074		1
Trichlorofluoromethane	B218877-BLK1	ND	mg/kg	0.0050	0.0015		1
1,2,3-Trichloropropane	B218877-BLK1	ND	mg/kg	0.0050	0.0019		1
1,1,2-Trichloro-1,2,2-trifluoroethane	B218877-BLK1	ND	mg/kg	0.0050	0.0010		1
1,2,4-Trimethylbenzene	B218877-BLK1	ND	mg/kg	0.0050	0.00080		1
1,3,5-Trimethylbenzene	B218877-BLK1	ND	mg/kg	0.0050	0.00066		1
Vinyl chloride	B218877-BLK1	ND	mg/kg	0.0050	0.00059		1
Total Xylenes	B218877-BLK1	ND	mg/kg	0.010	0.0025		1
Total Trihalomethanes	B218877-BLK1	ND	mg/kg	0.020	0.0032		1
p- & m-Xylenes	B218877-BLK1	ND	mg/kg	0.0050	0.0015		1
o-Xylene	B218877-BLK1	ND	mg/kg	0.0050	0.00093		1
Total Purgeable Petroleum Hydrocarbons	B218877-BLK1	ND	mg/kg	0.20	0.058		2
1,2-Dichloroethane-d4 (Surrogate)	**B218877-BLK1**	**104**	%	**70 - 121 (LCL - UCL)**			1
Toluene-d8 (Surrogate)	**B218877-BLK1**	**103**	%	**81 - 117 (LCL - UCL)**			1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B218877							
4-Bromofluorobenzene (Surrogate)	**B218877-BLK1**	**105**	%	**74 - 121 (LCL - UCL)**			1
QC Batch ID: B218956							
Benzene	B218956-BLK1	ND	mg/kg	0.0050	0.00067		3
Bromobenzene	B218956-BLK1	ND	mg/kg	0.0050	0.00087		3
Bromochloromethane	B218956-BLK1	ND	mg/kg	0.0050	0.00081		3
Bromodichloromethane	B218956-BLK1	ND	mg/kg	0.0050	0.00078		3
Bromoform	B218956-BLK1	ND	mg/kg	0.0050	0.00070		3
Bromomethane	B218956-BLK1	ND	mg/kg	0.0050	0.0017		3
n-Butylbenzene	B218956-BLK1	ND	mg/kg	0.0050	0.00076		3
sec-Butylbenzene	B218956-BLK1	ND	mg/kg	0.0050	0.00071		3
tert-Butylbenzene	B218956-BLK1	ND	mg/kg	0.0050	0.00085		3
Carbon tetrachloride	B218956-BLK1	ND	mg/kg	0.0050	0.00078		3
Chlorobenzene	B218956-BLK1	ND	mg/kg	0.0050	0.00077		3
Chloroethane	B218956-BLK1	ND	mg/kg	0.0050	0.0011		3
Chloroform	B218956-BLK1	ND	mg/kg	0.0050	0.00090		3
Chloromethane	B218956-BLK1	ND	mg/kg	0.0050	0.0011		3
2-Chlorotoluene	B218956-BLK1	ND	mg/kg	0.0050	0.00087		3
4-Chlorotoluene	B218956-BLK1	ND	mg/kg	0.0050	0.00070		3
Dibromochloromethane	B218956-BLK1	ND	mg/kg	0.0050	0.00080		3
1,2-Dibromo-3-chloropropane	B218956-BLK1	ND	mg/kg	0.0050	0.00096		3
1,2-Dibromoethane	B218956-BLK1	ND	mg/kg	0.0050	0.00082		3
Dibromomethane	B218956-BLK1	ND	mg/kg	0.0050	0.0014		3
1,2-Dichlorobenzene	B218956-BLK1	ND	mg/kg	0.0050	0.00079		3
1,3-Dichlorobenzene	B218956-BLK1	ND	mg/kg	0.0050	0.00073		3
1,4-Dichlorobenzene	B218956-BLK1	ND	mg/kg	0.0050	0.00073		3
Dichlorodifluoromethane	B218956-BLK1	ND	mg/kg	0.0050	0.00079		3
1,1-Dichloroethane	B218956-BLK1	ND	mg/kg	0.0050	0.00064		3
1,2-Dichloroethane	B218956-BLK1	ND	mg/kg	0.0050	0.00073		3
1,1-Dichloroethene	B218956-BLK1	ND	mg/kg	0.0050	0.0011		3
cis-1,2-Dichloroethene	B218956-BLK1	ND	mg/kg	0.0050	0.00054		3
trans-1,2-Dichloroethene	B218956-BLK1	ND	mg/kg	0.0050	0.0037		3
Total 1,2-Dichloroethene	B218956-BLK1	ND	mg/kg	0.010	0.0043		3
1,2-Dichloropropane	B218956-BLK1	ND	mg/kg	0.0050	0.00080		3

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B218956							
1,3-Dichloropropane	B218956-BLK1	ND	mg/kg	0.0050	0.00067		3
2,2-Dichloropropane	B218956-BLK1	ND	mg/kg	0.0050	0.00067		3
1,1-Dichloropropene	B218956-BLK1	ND	mg/kg	0.0050	0.00067		3
cis-1,3-Dichloropropene	B218956-BLK1	ND	mg/kg	0.0050	0.00058		3
trans-1,3-Dichloropropene	B218956-BLK1	ND	mg/kg	0.0050	0.00066		3
Total 1,3-Dichloropropene	B218956-BLK1	ND	mg/kg	0.010	0.0013		3
Ethylbenzene	B218956-BLK1	ND	mg/kg	0.0050	0.00069		3
Hexachlorobutadiene	B218956-BLK1	ND	mg/kg	0.0050	0.00067		3
Isopropylbenzene	B218956-BLK1	ND	mg/kg	0.0050	0.00080		3
p-Isopropyltoluene	B218956-BLK1	ND	mg/kg	0.0050	0.00059		3
Methylene chloride	B218956-BLK1	ND	mg/kg	0.010	0.0011		3
Methyl t-butyl ether	B218956-BLK1	ND	mg/kg	0.0050	0.00056		3
Naphthalene	B218956-BLK1	ND	mg/kg	0.0050	0.00099		3
n-Propylbenzene	B218956-BLK1	ND	mg/kg	0.0050	0.00071		3
Styrene	B218956-BLK1	ND	mg/kg	0.0050	0.00062		3
1,1,1,2-Tetrachloroethane	B218956-BLK1	ND	mg/kg	0.0050	0.00095		3
1,1,2,2-Tetrachloroethane	B218956-BLK1	ND	mg/kg	0.0050	0.00084		3
Tetrachloroethene	B218956-BLK1	ND	mg/kg	0.0050	0.00097		3
Toluene	B218956-BLK1	ND	mg/kg	0.0050	0.00069		3
1,2,3-Trichlorobenzene	B218956-BLK1	ND	mg/kg	0.0050	0.0015		3
1,2,4-Trichlorobenzene	B218956-BLK1	ND	mg/kg	0.0050	0.0014		3
1,1,1-Trichloroethane	B218956-BLK1	ND	mg/kg	0.0050	0.00067		3
1,1,2-Trichloroethane	B218956-BLK1	ND	mg/kg	0.0050	0.00094		3
Trichloroethene	B218956-BLK1	ND	mg/kg	0.0050	0.00074		3
Trichlorofluoromethane	B218956-BLK1	ND	mg/kg	0.0050	0.0015		3
1,2,3-Trichloropropane	B218956-BLK1	ND	mg/kg	0.0050	0.0019		3
1,1,2-Trichloro-1,2,2-trifluoroethane	B218956-BLK1	ND	mg/kg	0.0050	0.0010		3
1,2,4-Trimethylbenzene	B218956-BLK1	ND	mg/kg	0.0050	0.00080		3
1,3,5-Trimethylbenzene	B218956-BLK1	ND	mg/kg	0.0050	0.00066		3
Vinyl chloride	B218956-BLK1	ND	mg/kg	0.0050	0.00059		3
Total Xylenes	B218956-BLK1	ND	mg/kg	0.010	0.0025		3
Total Trihalomethanes	B218956-BLK1	ND	mg/kg	0.020	0.0032		3
p- & m-Xylenes	B218956-BLK1	ND	mg/kg	0.0050	0.0015		3
o-Xylene	B218956-BLK1	ND	mg/kg	0.0050	0.00093		3

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ENVIRONMENTAL SCIENCES

Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B218956							
Total Purgeable Petroleum Hydrocarbons	B218956-BLK1	ND	mg/kg	0.20	0.058		4
1,2-Dichloroethane-d4 (Surrogate)	**B218956-BLK1**	**101**	%	**70 - 121 (LCL - UCL)**			3
Toluene-d8 (Surrogate)	**B218956-BLK1**	**99.7**	%	**81 - 117 (LCL - UCL)**			3
4-Bromofluorobenzene (Surrogate)	**B218956-BLK1**	**101**	%	**74 - 121 (LCL - UCL)**			3
QC Batch ID: B218957							
Benzene	B218957-BLK1	ND	mg/kg	0.0050	0.00067		5
Bromobenzene	B218957-BLK1	ND	mg/kg	0.0050	0.00087		5
Bromochloromethane	B218957-BLK1	ND	mg/kg	0.0050	0.00081		5
Bromodichloromethane	B218957-BLK1	ND	mg/kg	0.0050	0.00078		5
Bromoform	B218957-BLK1	ND	mg/kg	0.0050	0.00070		5
Bromomethane	B218957-BLK1	ND	mg/kg	0.0050	0.0017		5
n-Butylbenzene	B218957-BLK1	ND	mg/kg	0.0050	0.00076		5
sec-Butylbenzene	B218957-BLK1	ND	mg/kg	0.0050	0.00071		5
tert-Butylbenzene	B218957-BLK1	ND	mg/kg	0.0050	0.00085		5
Carbon tetrachloride	B218957-BLK1	ND	mg/kg	0.0050	0.00078		5
Chlorobenzene	B218957-BLK1	ND	mg/kg	0.0050	0.00077		5
Chloroethane	B218957-BLK1	ND	mg/kg	0.0050	0.0011		5
Chloroform	B218957-BLK1	ND	mg/kg	0.0050	0.00090		5
Chloromethane	B218957-BLK1	ND	mg/kg	0.0050	0.0011		5
2-Chlorotoluene	B218957-BLK1	ND	mg/kg	0.0050	0.00087		5
4-Chlorotoluene	B218957-BLK1	ND	mg/kg	0.0050	0.00070		5
Dibromochloromethane	B218957-BLK1	ND	mg/kg	0.0050	0.00080		5
1,2-Dibromo-3-chloropropane	B218957-BLK1	ND	mg/kg	0.0050	0.00096		5
1,2-Dibromoethane	B218957-BLK1	ND	mg/kg	0.0050	0.00082		5
Dibromomethane	B218957-BLK1	ND	mg/kg	0.0050	0.0014		5
1,2-Dichlorobenzene	B218957-BLK1	ND	mg/kg	0.0050	0.00079		5
1,3-Dichlorobenzene	B218957-BLK1	ND	mg/kg	0.0050	0.00073		5
1,4-Dichlorobenzene	B218957-BLK1	ND	mg/kg	0.0050	0.00073		5
Dichlorodifluoromethane	B218957-BLK1	ND	mg/kg	0.0050	0.00079		5
1,1-Dichloroethane	B218957-BLK1	ND	mg/kg	0.0050	0.00064		5
1,2-Dichloroethane	B218957-BLK1	ND	mg/kg	0.0050	0.00073		5
1,1-Dichloroethene	B218957-BLK1	ND	mg/kg	0.0050	0.0011		5
cis-1,2-Dichloroethene	B218957-BLK1	ND	mg/kg	0.0050	0.00054		5

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B218957							
trans-1,2-Dichloroethene	B218957-BLK1	ND	mg/kg	0.0050	0.0037		5
Total 1,2-Dichloroethene	B218957-BLK1	ND	mg/kg	0.010	0.0043		5
1,2-Dichloropropane	B218957-BLK1	ND	mg/kg	0.0050	0.00080		5
1,3-Dichloropropane	B218957-BLK1	ND	mg/kg	0.0050	0.00067		5
2,2-Dichloropropane	B218957-BLK1	ND	mg/kg	0.0050	0.00067		5
1,1-Dichloropropene	B218957-BLK1	ND	mg/kg	0.0050	0.00067		5
cis-1,3-Dichloropropene	B218957-BLK1	ND	mg/kg	0.0050	0.00058		5
trans-1,3-Dichloropropene	B218957-BLK1	ND	mg/kg	0.0050	0.00066		5
Total 1,3-Dichloropropene	B218957-BLK1	ND	mg/kg	0.010	0.0013		5
Ethylbenzene	B218957-BLK1	ND	mg/kg	0.0050	0.00069		5
Hexachlorobutadiene	B218957-BLK1	ND	mg/kg	0.0050	0.00067		5
Isopropylbenzene	B218957-BLK1	ND	mg/kg	0.0050	0.00080		5
p-Isopropyltoluene	B218957-BLK1	ND	mg/kg	0.0050	0.00059		5
Methylene chloride	B218957-BLK1	ND	mg/kg	0.010	0.0011		5
Methyl t-butyl ether	B218957-BLK1	ND	mg/kg	0.0050	0.00056		5
Naphthalene	B218957-BLK1	ND	mg/kg	0.0050	0.00099		5
n-Propylbenzene	B218957-BLK1	ND	mg/kg	0.0050	0.00071		5
Styrene	B218957-BLK1	ND	mg/kg	0.0050	0.00062		5
1,1,1,2-Tetrachloroethane	B218957-BLK1	ND	mg/kg	0.0050	0.00095		5
1,1,2,2-Tetrachloroethane	B218957-BLK1	ND	mg/kg	0.0050	0.00084		5
Tetrachloroethene	B218957-BLK1	ND	mg/kg	0.0050	0.00097		5
Toluene	B218957-BLK1	ND	mg/kg	0.0050	0.00069		5
1,2,3-Trichlorobenzene	B218957-BLK1	ND	mg/kg	0.0050	0.0015		5
1,2,4-Trichlorobenzene	B218957-BLK1	ND	mg/kg	0.0050	0.0014		5
1,1,1-Trichloroethane	B218957-BLK1	ND	mg/kg	0.0050	0.00067		5
1,1,2-Trichloroethane	B218957-BLK1	ND	mg/kg	0.0050	0.00094		5
Trichloroethene	B218957-BLK1	ND	mg/kg	0.0050	0.00074		5
Trichlorofluoromethane	B218957-BLK1	ND	mg/kg	0.0050	0.0015		5
1,2,3-Trichloropropane	B218957-BLK1	ND	mg/kg	0.0050	0.0019		5
1,1,2-Trichloro-1,2,2-trifluoroethane	B218957-BLK1	ND	mg/kg	0.0050	0.0010		5
1,2,4-Trimethylbenzene	B218957-BLK1	ND	mg/kg	0.0050	0.00080		5
1,3,5-Trimethylbenzene	B218957-BLK1	ND	mg/kg	0.0050	0.00066		5
Vinyl chloride	B218957-BLK1	ND	mg/kg	0.0050	0.00059		5
Total Xylenes	B218957-BLK1	ND	mg/kg	0.010	0.0025		5

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B218957							
Total Trihalomethanes	B218957-BLK1	ND	mg/kg	0.020	0.0032		5
p- & m-Xylenes	B218957-BLK1	ND	mg/kg	0.0050	0.0015		5
o-Xylene	B218957-BLK1	ND	mg/kg	0.0050	0.00093		5
Total Purgeable Petroleum Hydrocarbons	B218957-BLK1	ND	mg/kg	0.20	0.058		6
1,2-Dichloroethane-d4 (Surrogate)	**B218957-BLK1**	**101**	%	**70 - 121 (LCL - UCL)**			5
Toluene-d8 (Surrogate)	**B218957-BLK1**	**99.0**	%	**81 - 117 (LCL - UCL)**			5
4-Bromofluorobenzene (Surrogate)	**B218957-BLK1**	**102**	%	**74 - 121 (LCL - UCL)**			5

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B218877-BLK1	PB	EPA-8260B	09/10/25	09/10/25 19:33	EAB	MS-V18	1
2	B218877-BLK1	PB	Luft-GC/MS	09/10/25	09/10/25 19:33	EAB	MS-V18	1
3	B218956-BLK1	PB	EPA-8260B	09/10/25	09/10/25 13:31	SR1	MS-V17	1
4	B218956-BLK1	PB	Luft-GC/MS	09/10/25	09/10/25 13:31	SR1	MS-V17	1
5	B218957-BLK1	PB	EPA-8260B	09/10/25	09/11/25 02:24	SR1	MS-V17	1
6	B218957-BLK1	PB	Luft-GC/MS	09/10/25	09/11/25 02:24	SR1	MS-V17	1

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Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals	Run #
QC Batch ID: B218877											
Benzene	B218877-BS1	LCS	0.12698	0.12500	mg/kg	102		70 - 130			1
Bromodichloromethane	B218877-BS1	LCS	0.13554	0.12500	mg/kg	108		70 - 130			1
Chlorobenzene	B218877-BS1	LCS	0.12914	0.12500	mg/kg	103		70 - 130			1
Chloroethane	B218877-BS1	LCS	0.13407	0.12500	mg/kg	107		70 - 130			1
1,4-Dichlorobenzene	B218877-BS1	LCS	0.13291	0.12500	mg/kg	106		70 - 130			1
1,1-Dichloroethane	B218877-BS1	LCS	0.13412	0.12500	mg/kg	107		70 - 130			1
1,1-Dichloroethene	B218877-BS1	LCS	0.14049	0.12500	mg/kg	112		70 - 130			1
Toluene	B218877-BS1	LCS	0.13670	0.12500	mg/kg	109		70 - 130			1
Trichloroethene	B218877-BS1	LCS	0.13484	0.12500	mg/kg	108		70 - 130			1
1,2-Dichloroethane-d4 (Surrogate)	B218877-BS1	LCS	0.052610	0.050000	mg/kg	105		70 - 121			1
Toluene-d8 (Surrogate)	B218877-BS1	LCS	0.050670	0.050000	mg/kg	101		81 - 117			1
4-Bromofluorobenzene (Surrogate)	B218877-BS1	LCS	0.053190	0.050000	mg/kg	106		74 - 121			1
QC Batch ID: B218956											
Benzene	B218956-BS1	LCS	0.12373	0.12500	mg/kg	99.0		70 - 130			2
Bromodichloromethane	B218956-BS1	LCS	0.12326	0.12500	mg/kg	98.6		70 - 130			2
Chlorobenzene	B218956-BS1	LCS	0.11870	0.12500	mg/kg	95.0		70 - 130			2
Chloroethane	B218956-BS1	LCS	0.12275	0.12500	mg/kg	98.2		70 - 130			2
1,4-Dichlorobenzene	B218956-BS1	LCS	0.12256	0.12500	mg/kg	98.0		70 - 130			2
1,1-Dichloroethane	B218956-BS1	LCS	0.12304	0.12500	mg/kg	98.4		70 - 130			2
1,1-Dichloroethene	B218956-BS1	LCS	0.11991	0.12500	mg/kg	95.9		70 - 130			2
Toluene	B218956-BS1	LCS	0.12128	0.12500	mg/kg	97.0		70 - 130			2
Trichloroethene	B218956-BS1	LCS	0.11902	0.12500	mg/kg	95.2		70 - 130			2
1,2-Dichloroethane-d4 (Surrogate)	B218956-BS1	LCS	0.051140	0.050000	mg/kg	102		70 - 121			2
Toluene-d8 (Surrogate)	B218956-BS1	LCS	0.050630	0.050000	mg/kg	101		81 - 117			2
4-Bromofluorobenzene (Surrogate)	B218956-BS1	LCS	0.050400	0.050000	mg/kg	101		74 - 121			2
QC Batch ID: B218957											
Benzene	B218957-BS1	LCS	0.11942	0.12500	mg/kg	95.5		70 - 130			3
Bromodichloromethane	B218957-BS1	LCS	0.12169	0.12500	mg/kg	97.4		70 - 130			3
Chlorobenzene	B218957-BS1	LCS	0.11840	0.12500	mg/kg	94.7		70 - 130			3
Chloroethane	B218957-BS1	LCS	0.11855	0.12500	mg/kg	94.8		70 - 130			3
1,4-Dichlorobenzene	B218957-BS1	LCS	0.11003	0.12500	mg/kg	88.0		70 - 130			3
1,1-Dichloroethane	B218957-BS1	LCS	0.11858	0.12500	mg/kg	94.9		70 - 130			3
1,1-Dichloroethene	B218957-BS1	LCS	0.11419	0.12500	mg/kg	91.4		70 - 130			3

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals	Run #
QC Batch ID: B218957											
Toluene	B218957-BS1	LCS	0.11729	0.12500	mg/kg	93.8		70 - 130			3
Trichloroethene	B218957-BS1	LCS	0.11466	0.12500	mg/kg	91.7		70 - 130			3
1,2-Dichloroethane-d4 (Surrogate)	B218957-BS1	LCS	0.048220	0.050000	mg/kg	96.4		70 - 121			3
Toluene-d8 (Surrogate)	B218957-BS1	LCS	0.049540	0.050000	mg/kg	99.1		81 - 117			3
4-Bromofluorobenzene (Surrogate)	B218957-BS1	LCS	0.051720	0.050000	mg/kg	103		74 - 121			3

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B218877-BS1	LCS	EPA-8260B	09/10/25	09/10/25 19:57	EAB	MS-V18	1
2	B218956-BS1	LCS	EPA-8260B	09/10/25	09/10/25 13:55	SR1	MS-V17	1
3	B218957-BS1	LCS	EPA-8260B	09/10/25	09/11/25 02:48	SR1	MS-V17	1

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals	R#
QC Batch ID: B218877	Used client sample: Y - Description: B-3-5, 09/03/2025 10:30											
Benzene	MS	2515628-07	ND	0.10184	0.12500	mg/kg		81.5		70 - 130		1
	MSD	2515628-07	ND	0.096590	0.12500	mg/kg	5.3	77.3	20	70 - 130		2
Bromodichloromethane	MS	2515628-07	ND	0.11053	0.12500	mg/kg		88.4		70 - 130		1
	MSD	2515628-07	ND	0.10286	0.12500	mg/kg	7.2	82.3	20	70 - 130		2
Chlorobenzene	MS	**2515628-07**	**ND**	**0.087560**	**0.12500**	**mg/kg**		**70.0**		**70 - 130**		1
	MSD	**2515628-07**	**ND**	**0.078730**	**0.12500**	**mg/kg**	**10.6**	**63.0**	**20**	**70 - 130**	**Q03**	2
Chloroethane	MS	2515628-07	ND	0.10888	0.12500	mg/kg		87.1		70 - 130		1
	MSD	2515628-07	ND	0.10150	0.12500	mg/kg	7.0	81.2	20	70 - 130		2
1,4-Dichlorobenzene	MS	**2515628-07**	**ND**	**0.065160**	**0.12500**	**mg/kg**		**52.1**		**70 - 130**	**Q03**	1
	MSD	**2515628-07**	**ND**	**0.053130**	**0.12500**	**mg/kg**	**20.3**	**42.5**	**20**	**70 - 130**	**Q02,Q03**	2
1,1-Dichloroethane	MS	2515628-07	ND	0.11104	0.12500	mg/kg		88.8		70 - 130		1
	MSD	2515628-07	ND	0.10341	0.12500	mg/kg	7.1	82.7	20	70 - 130		2
1,1-Dichloroethene	MS	2515628-07	ND	0.11161	0.12500	mg/kg		89.3		70 - 130		1
	MSD	2515628-07	ND	0.10227	0.12500	mg/kg	8.7	81.8	20	70 - 130		2
Toluene	MS	2515628-07	ND	0.099780	0.12500	mg/kg		79.8		70 - 130		1
	MSD	2515628-07	ND	0.092380	0.12500	mg/kg	7.7	73.9	20	70 - 130		2
Trichloroethene	MS	2515628-07	ND	0.10063	0.12500	mg/kg		80.5		70 - 130		1
	MSD	2515628-07	ND	0.093720	0.12500	mg/kg	7.1	75.0	20	70 - 130		2
1,2-Dichloroethane-d4 (Surrogate)	MS	2515628-07	ND	0.056330	0.050000	mg/kg		113		70 - 121		1
	MSD	2515628-07	ND	0.054420	0.050000	mg/kg	3.4	109		70 - 121		2
Toluene-d8 (Surrogate)	MS	2515628-07	ND	0.050700	0.050000	mg/kg		101		81 - 117		1
	MSD	2515628-07	ND	0.051240	0.050000	mg/kg	1.1	102		81 - 117		2
4-Bromofluorobenzene (Surrogate)	MS	2515628-07	ND	0.053590	0.050000	mg/kg		107		74 - 121		1
	MSD	2515628-07	ND	0.052730	0.050000	mg/kg	1.6	105		74 - 121		2
QC Batch ID: B218956	Used client sample: N											
Benzene	MS	2515738-05	ND	0.11410	0.12500	mg/kg		91.3		70 - 130		3
	MSD	2515738-05	ND	0.10516	0.12500	mg/kg	8.2	84.1	20	70 - 130		4
Bromodichloromethane	MS	2515738-05	ND	0.10956	0.12500	mg/kg		87.6		70 - 130		3
	MSD	2515738-05	ND	0.10183	0.12500	mg/kg	7.3	81.5	20	70 - 130		4
Chlorobenzene	MS	2515738-05	ND	0.11135	0.12500	mg/kg		89.1		70 - 130		3
	MSD	2515738-05	ND	0.10148	0.12500	mg/kg	9.3	81.2	20	70 - 130		4
Chloroethane	MS	2515738-05	ND	0.11492	0.12500	mg/kg		91.9		70 - 130		3
	MSD	2515738-05	ND	0.10733	0.12500	mg/kg	6.8	85.9	20	70 - 130		4
1,4-Dichlorobenzene	MS	2515738-05	ND	0.11305	0.12500	mg/kg		90.4		70 - 130		3
	MSD	2515738-05	ND	0.10098	0.12500	mg/kg	11.3	80.8	20	70 - 130		4
1,1-Dichloroethane	MS	2515738-05	ND	0.11280	0.12500	mg/kg		90.2		70 - 130		3
	MSD	2515738-05	ND	0.10521	0.12500	mg/kg	7.0	84.2	20	70 - 130		4

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals	R#
QC Batch ID: B218956	Used client sample: N											
1,1-Dichloroethene	MS	2515738-05	ND	0.11380	0.12500	mg/kg		91.0		70 - 130		3
	MSD	2515738-05	ND	0.10833	0.12500	mg/kg	4.9	86.7	20	70 - 130		4
Toluene	MS	2515738-05	ND	0.10994	0.12500	mg/kg		88.0		70 - 130		3
	MSD	2515738-05	ND	0.10375	0.12500	mg/kg	5.8	83.0	20	70 - 130		4
Trichloroethene	MS	2515738-05	ND	0.11015	0.12500	mg/kg		88.1		70 - 130		3
	MSD	2515738-05	ND	0.10391	0.12500	mg/kg	5.8	83.1	20	70 - 130		4
1,2-Dichloroethane-d4 (Surrogate)	MS	2515738-05	ND	0.052490	0.050000	mg/kg		105		70 - 121		3
	MSD	2515738-05	ND	0.051720	0.050000	mg/kg	1.5	103		70 - 121		4
Toluene-d8 (Surrogate)	MS	2515738-05	ND	0.049770	0.050000	mg/kg		99.5		81 - 117		3
	MSD	2515738-05	ND	0.050290	0.050000	mg/kg	1.0	101		81 - 117		4
4-Bromofluorobenzene (Surrogate)	MS	2515738-05	ND	0.052750	0.050000	mg/kg		106		74 - 121		3
	MSD	2515738-05	ND	0.051380	0.050000	mg/kg	2.6	103		74 - 121		4
QC Batch ID: B218957	Used client sample: Y - Description: B-5-5, 09/03/2025 13:05											
Benzene	MS	2515628-13	ND	0.11825	0.12500	mg/kg		94.6		70 - 130		5
	MSD	2515628-13	ND	0.12081	0.12500	mg/kg	2.1	96.6	20	70 - 130		6
Bromodichloromethane	MS	2515628-13	ND	0.11420	0.12500	mg/kg		91.4		70 - 130		5
	MSD	2515628-13	ND	0.11125	0.12500	mg/kg	2.6	89.0	20	70 - 130		6
Chlorobenzene	MS	2515628-13	ND	0.10919	0.12500	mg/kg		87.4		70 - 130		5
	MSD	2515628-13	ND	0.11372	0.12500	mg/kg	4.1	91.0	20	70 - 130		6
Chloroethane	MS	2515628-13	ND	0.12196	0.12500	mg/kg		97.6		70 - 130		5
	MSD	2515628-13	ND	0.12343	0.12500	mg/kg	1.2	98.7	20	70 - 130		6
1,4-Dichlorobenzene	MS	2515628-13	ND	0.098090	0.12500	mg/kg		78.5		70 - 130		5
	MSD	2515628-13	ND	0.10921	0.12500	mg/kg	10.7	87.4	20	70 - 130		6
1,1-Dichloroethane	MS	2515628-13	ND	0.11808	0.12500	mg/kg		94.5		70 - 130		5
	MSD	2515628-13	ND	0.12039	0.12500	mg/kg	1.9	96.3	20	70 - 130		6
1,1-Dichloroethene	MS	2515628-13	ND	0.12009	0.12500	mg/kg		96.1		70 - 130		5
	MSD	2515628-13	ND	0.12254	0.12500	mg/kg	2.0	98.0	20	70 - 130		6
Toluene	MS	2515628-13	ND	0.10755	0.12500	mg/kg		86.0		70 - 130		5
	MSD	2515628-13	ND	0.10898	0.12500	mg/kg	1.3	87.2	20	70 - 130		6
Trichloroethene	MS	2515628-13	ND	0.11430	0.12500	mg/kg		91.4		70 - 130		5
	MSD	2515628-13	ND	0.11803	0.12500	mg/kg	3.2	94.4	20	70 - 130		6
1,2-Dichloroethane-d4 (Surrogate)	MS	2515628-13	ND	0.051600	0.050000	mg/kg		103		70 - 121		5
	MSD	2515628-13	ND	0.050800	0.050000	mg/kg	1.6	102		70 - 121		6
Toluene-d8 (Surrogate)	MS	2515628-13	ND	0.046350	0.050000	mg/kg		92.7		81 - 117		5
	MSD	2515628-13	ND	0.045800	0.050000	mg/kg	1.2	91.6		81 - 117		6
4-Bromofluorobenzene (Surrogate)	MS	2515628-13	ND	0.051890	0.050000	mg/kg		104		74 - 121		5
	MSD	2515628-13	ND	0.054390	0.050000	mg/kg	4.7	109		74 - 121		6

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B218877-MS1	MS	EPA-8260B	09/10/25	09/10/25 20:22	EAB	MS-V18	1
2	B218877-MSD1	MSD	EPA-8260B	09/10/25	09/10/25 20:46	EAB	MS-V18	1
3	B218956-MS1	MS	EPA-8260B	09/10/25	09/10/25 14:19	SR1	MS-V17	1
4	B218956-MSD1	MSD	EPA-8260B	09/10/25	09/10/25 14:43	SR1	MS-V17	1
5	B218957-MS1	MS	EPA-8260B	09/10/25	09/11/25 03:12	SR1	MS-V17	1
6	B218957-MSD1	MSD	EPA-8260B	09/10/25	09/11/25 03:37	SR1	MS-V17	1

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B218857							
TPH - Diesel Range Organics (C10 - C28)	B218857-BLK1	ND	mg/kg	1.0	0.70		1
TPH - Oil Range Organics (C28 - C40)	B218857-BLK1	ND	mg/kg	2.0	0.98		1
Tetracosane (Surrogate)	**B218857-BLK1**	**94.3**	%	**40 - 130 (LCL - UCL)**			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B218857-BLK1	PB	EPA-8015B	09/12/25	09/15/25 11:16	BUP	GC-5	1

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Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals	Run #
QC Batch ID: B218857											
TPH - Diesel Range Organics (C10 - C28)	B218857-BS1	LCS	17.411	16.611	mg/kg	105		58 - 120			1
TPH - Oil Range Organics (C28 - C40)	B218857-BS1	LCS	26.670	33.223	mg/kg	80.3		40 - 130			1
Tetracosane (Surrogate)	B218857-BS1	LCS	0.64751	0.66445	mg/kg	97.5		40 - 130			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B218857-BS1	LCS	EPA-8015B	09/12/25	09/15/25 11:35	BUP	GC-5	0.997

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Citadel EHS - Signal Hill 2525 Cherry Ave. Suite 105 Signal Hill, CA 90755	**Reported:** 09/17/2025 18:26 Project: Rio Hondo Park Project Number: 2230.1002.0 Project Manager: Doug Whichard

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals	R#
QC Batch ID: B218857	Used client sample: Y - Description: B-5-5, 09/03/2025 13:05											
TPH - Diesel Range Organics (C10 - C28)	MS	2515628-13	1.6256	14.010	16.611	mg/kg		74.6		49 - 120		1
	MSD	2515628-13	1.6256	16.329	16.722	mg/kg	15.3	87.9	30	49 - 120		2
TPH - Oil Range Organics (C28 - C40)	MS	2515628-13	1.7283	25.364	33.223	mg/kg		71.1		40 - 130		1
	MSD	2515628-13	1.7283	26.581	33.445	mg/kg	4.7	74.3	30	40 - 130		2
Tetracosane (Surrogate)	MS	2515628-13	ND	0.54435	0.66445	mg/kg		81.9		40 - 130		1
	MSD	2515628-13	ND	0.60686	0.66890	mg/kg	10.9	90.7		40 - 130		2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B218857-MS1	MS	EPA-8015B	09/12/25	09/15/25 12:12	BUP	GC-5	0.997
2	B218857-MSD1	MSD	EPA-8015B	09/12/25	09/15/25 12:30	BUP	GC-5	1.003

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Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B219182							
Mercury	B219182-BLK1	ND	mg/kg	0.16	0.016		1
QC Batch ID: B219287							
Antimony	B219287-BLK1	ND	mg/kg	5.0	0.33		2
Arsenic	B219287-BLK1	ND	mg/kg	1.0	0.40		2
Barium	B219287-BLK1	ND	mg/kg	0.50	0.18		2
Beryllium	B219287-BLK1	ND	mg/kg	0.50	0.047		2
Cadmium	B219287-BLK1	ND	mg/kg	0.50	0.052		2
Chromium	B219287-BLK1	ND	mg/kg	0.50	0.050		2
Cobalt	B219287-BLK1	ND	mg/kg	2.5	0.098		2
Copper	B219287-BLK1	ND	mg/kg	1.0	0.050		2
Lead	B219287-BLK1	ND	mg/kg	2.5	0.41		2
Molybdenum	B219287-BLK1	ND	mg/kg	2.5	0.050		2
Nickel	B219287-BLK1	ND	mg/kg	0.50	0.15		2
Selenium	B219287-BLK1	ND	mg/kg	1.0	0.98		2
Silver	B219287-BLK1	ND	mg/kg	0.50	0.067		2
Thallium	B219287-BLK1	ND	mg/kg	5.0	0.64		2
Vanadium	B219287-BLK1	ND	mg/kg	0.50	0.11		2
Zinc	B219287-BLK1	ND	mg/kg	2.5	0.087		2
QC Batch ID: B219299							
Mercury	B219299-BLK1	ND	mg/kg	0.16	0.016		3

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B219182-BLK1	PB	EPA-7471A	09/15/25	09/15/25 15:00	TMT	CETAC3	1
2	B219287-BLK1	PB	EPA-6010B	09/16/25	09/17/25 11:00	NW1	ICP5	1
3	B219299-BLK1	PB	EPA-7471A	09/17/25	09/17/25 11:47	TMT	CETAC3	1

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Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals	Run #
QC Batch ID: B219182											
Mercury	B219182-BS1	LCS	0.75520	0.80000	mg/kg	94.4		80 - 120			1
QC Batch ID: B219287											
Antimony	B219287-BS1	LCS	90.125	100.00	mg/kg	90.1		75 - 125			2
Arsenic	B219287-BS1	LCS	18.990	20.000	mg/kg	95.0		75 - 125			2
Barium	B219287-BS1	LCS	100.44	100.00	mg/kg	100		75 - 125			2
Beryllium	B219287-BS1	LCS	9.6127	10.000	mg/kg	96.1		75 - 125			2
Cadmium	B219287-BS1	LCS	9.9950	10.000	mg/kg	100		75 - 125			2
Chromium	B219287-BS1	LCS	99.335	100.00	mg/kg	99.3		75 - 125			2
Cobalt	B219287-BS1	LCS	100.70	100.00	mg/kg	101		75 - 125			2
Copper	B219287-BS1	LCS	93.090	100.00	mg/kg	93.1		75 - 125			2
Lead	B219287-BS1	LCS	102.14	100.00	mg/kg	102		75 - 125			2
Molybdenum	B219287-BS1	LCS	100.78	100.00	mg/kg	101		75 - 125			2
Nickel	B219287-BS1	LCS	99.975	100.00	mg/kg	100		75 - 125			2
Selenium	B219287-BS1	LCS	17.980	20.000	mg/kg	89.9		75 - 125			2
Silver	B219287-BS1	LCS	9.6400	10.000	mg/kg	96.4		75 - 125			2
Thallium	B219287-BS1	LCS	99.585	100.00	mg/kg	99.6		75 - 125			2
Vanadium	B219287-BS1	LCS	97.755	100.00	mg/kg	97.8		75 - 125			2
Zinc	B219287-BS1	LCS	98.495	100.00	mg/kg	98.5		75 - 125			2
QC Batch ID: B219299											
Mercury	B219299-BS1	LCS	0.89120	0.80000	mg/kg	111		80 - 120			3

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B219182-BS1	LCS	EPA-7471A	09/15/25	09/15/25 15:02	TMT	CETAC3	1
2	B219287-BS1	LCS	EPA-6010B	09/16/25	09/17/25 11:01	NW1	ICP5	1
3	B219299-BS1	LCS	EPA-7471A	09/17/25	09/17/25 11:51	TMT	CETAC3	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals	R#
QC Batch ID: B219182	Used client sample: N											
Mercury	DUP	2516040-01	0.020968	0.017419		mg/kg	18.5		20		J	1
	MS	2516040-01	0.020968	0.85323	0.80645	mg/kg		103		80 - 120		2
	MSD	2516040-01	0.020968	0.92742	0.80645	mg/kg	8.3	112	20	80 - 120		3
QC Batch ID: B219287	Used client sample: Y - Description: B-1-5, 09/03/2025 08:00											
Antimony	DUP	2515628-01	ND	ND		mg/kg			20			4
	MS	2515628-01	ND	34.950	100.00	mg/kg		35.0		16 - 119		5
	MSD	2515628-01	ND	34.520	100.00	mg/kg	1.2	34.5	20	16 - 119		6
Arsenic	DUP	**2515628-01**	**1.4200**	**2.1050**		**mg/kg**	**38.9**		**20**		**Q01**	4
	MS	**2515628-01**	**1.4200**	**20.015**	**20.000**	**mg/kg**		**93.0**		**75 - 125**		5
	MSD	**2515628-01**	**1.4200**	**20.335**	**20.000**	**mg/kg**	**1.6**	**94.6**	**20**	**75 - 125**		6
Barium	DUP	2515628-01	39.660	43.080		mg/kg	8.3		20			4
	MS	2515628-01	39.660	137.20	100.00	mg/kg		97.5		75 - 125		5
	MSD	2515628-01	39.660	138.48	100.00	mg/kg	0.9	98.8	20	75 - 125		6
Beryllium	DUP	2515628-01	0.12865	0.14310		mg/kg	10.6		20		J	4
	MS	2515628-01	0.12865	9.3728	10.000	mg/kg		92.4		75 - 125		5
	MSD	2515628-01	0.12865	9.3632	10.000	mg/kg	0.1	92.3	20	75 - 125		6
Cadmium	DUP	**2515628-01**	**0.055000**	**0.070000**		**mg/kg**	**24.0**		**20**		**J,A02**	4
	MS	**2515628-01**	**0.055000**	**9.5800**	**10.000**	**mg/kg**		**95.2**		**75 - 125**		5
	MSD	**2515628-01**	**0.055000**	**9.5450**	**10.000**	**mg/kg**	**0.4**	**94.9**	**20**	**75 - 125**		6
Chromium	DUP	2515628-01	9.6100	9.7800		mg/kg	1.8		20			4
	MS	2515628-01	9.6100	103.92	100.00	mg/kg		94.3		75 - 125		5
	MSD	2515628-01	9.6100	104.66	100.00	mg/kg	0.7	95.0	20	75 - 125		6
Cobalt	DUP	2515628-01	3.6150	4.2700		mg/kg	16.6		20			4
	MS	2515628-01	3.6150	98.715	100.00	mg/kg		95.1		75 - 125		5
	MSD	2515628-01	3.6150	99.005	100.00	mg/kg	0.3	95.4	20	75 - 125		6
Copper	DUP	**2515628-01**	**5.0250**	**7.9650**		**mg/kg**	**45.3**		**20**		**Q01**	4
	MS	**2515628-01**	**5.0250**	**101.94**	**100.00**	**mg/kg**		**96.9**		**75 - 125**		5
	MSD	**2515628-01**	**5.0250**	**101.18**	**100.00**	**mg/kg**	**0.7**	**96.2**	**20**	**75 - 125**		6
Lead	DUP	2515628-01	1.3000	1.5850		mg/kg	19.8		20		J	4
	MS	2515628-01	1.3000	96.815	100.00	mg/kg		95.5		75 - 125		5
	MSD	2515628-01	1.3000	97.010	100.00	mg/kg	0.2	95.7	20	75 - 125		6
Molybdenum	DUP	**2515628-01**	**0.29500**	**0.14500**		**mg/kg**	**68.2**		**20**		**J,A02**	4
	MS	**2515628-01**	**0.29500**	**95.090**	**100.00**	**mg/kg**		**94.8**		**75 - 125**		5
	MSD	**2515628-01**	**0.29500**	**95.075**	**100.00**	**mg/kg**	**0.0**	**94.8**	**20**	**75 - 125**		6
Nickel	DUP	**2515628-01**	**5.1850**	**6.6850**		**mg/kg**	**25.3**		**20**		**Q01**	4
	MS	**2515628-01**	**5.1850**	**100.42**	**100.00**	**mg/kg**		**95.2**		**75 - 125**		5
	MSD	**2515628-01**	**5.1850**	**100.66**	**100.00**	**mg/kg**	**0.2**	**95.5**	**20**	**75 - 125**		6

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 18:26
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals	R#
QC Batch ID: B219287	Used client sample: Y - Description: B-1-5, 09/03/2025 08:00											
Selenium	DUP	2515628-01	ND	ND		mg/kg			20			4
	MS	2515628-01	ND	16.400	20.000	mg/kg		82.0		75 - 125		5
	MSD	2515628-01	ND	16.525	20.000	mg/kg	0.8	82.6	20	75 - 125		6
Silver	DUP	2515628-01	ND	ND		mg/kg			20			4
	MS	2515628-01	ND	9.1900	10.000	mg/kg		91.9		75 - 125		5
	MSD	2515628-01	ND	9.1700	10.000	mg/kg	0.2	91.7	20	75 - 125		6
Thallium	DUP	2515628-01	ND	ND		mg/kg			20			4
	MS	2515628-01	ND	92.730	100.00	mg/kg		92.7		75 - 125		5
	MSD	2515628-01	ND	92.370	100.00	mg/kg	0.4	92.4	20	75 - 125		6
Vanadium	DUP	**2515628-01**	**15.530**	**22.670**		**mg/kg**	**37.4**		**20**		**Q01**	4
	MS	**2515628-01**	**15.530**	**117.22**	**100.00**	**mg/kg**		**102**		**75 - 125**		5
	MSD	**2515628-01**	**15.530**	**117.24**	**100.00**	**mg/kg**	**0.0**	**102**	**20**	**75 - 125**		6
Zinc	DUP	2515628-01	20.485	23.920		mg/kg	15.5		20			4
	MS	2515628-01	20.485	115.72	100.00	mg/kg		95.2		75 - 125		5
	MSD	2515628-01	20.485	115.74	100.00	mg/kg	0.0	95.3	20	75 - 125		6
QC Batch ID: B219299	Used client sample: Y - Description: B-5-5, 09/03/2025 13:05											
Mercury	DUP	2515628-13	0.037258	0.038548		mg/kg	3.4		20		J	7
	MS	2515628-13	0.037258	0.90645	0.80645	mg/kg		108		80 - 120		8
	MSD	2515628-13	0.037258	0.91613	0.80645	mg/kg	1.1	109	20	80 - 120		9

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B219182-DUP1	DUP	EPA-7471A	09/15/25	09/15/25 15:07	TMT	CETAC3	1.008
2	B219182-MS1	MS	EPA-7471A	09/15/25	09/15/25 15:08	TMT	CETAC3	1.008
3	B219182-MSD1	MSD	EPA-7471A	09/15/25	09/15/25 15:10	TMT	CETAC3	1.008
4	B219287-DUP1	DUP	EPA-6010B	09/16/25	09/17/25 11:04	NW1	ICP5	1
5	B219287-MS1	MS	EPA-6010B	09/16/25	09/17/25 11:08	NW1	ICP5	1
6	B219287-MSD1	MSD	EPA-6010B	09/16/25	09/17/25 11:09	NW1	ICP5	1
7	B219299-DUP1	DUP	EPA-7471A	09/17/25	09/17/25 11:54	TMT	CETAC3	1.008
8	B219299-MS1	MS	EPA-7471A	09/17/25	09/17/25 11:56	TMT	CETAC3	1.008
9	B219299-MSD1	MSD	EPA-7471A	09/17/25	09/17/25 11:58	TMT	CETAC3	1.008

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Citadel EHS - Signal Hill 2525 Cherry Ave. Suite 105 Signal Hill, CA 90755	**Reported:** 09/17/2025 18:26 Project: Rio Hondo Park Project Number: 2230.1002.0 Project Manager: Doug Whichard

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A02	The difference between duplicate readings is less than the quantitation limit.
Q01	Sample precision is not within the control limits.
Q02	Matrix spike precision is not within the control limits.
Q03	Matrix spike recovery(s) was(were) not within the control limits.

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Date of Report: 09/17/2025

Doug Whichard

Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Client Project:	2230.1002.0
Pace Project:	Rio Hondo Park
Pace Work Order:	2515706
Invoice ID:	B523800

Enclosed are the results of analyses for samples received by the laboratory on 9/6/2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Ragen Williams
Client Service Rep

Steven Bennett
Operations Manager

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Pace® Location Requested (City/State):

Air CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/L

2515706

Scan QR code for instructions

2515706

Company Name: Citadel EHS
Street Address: 2525 Cherry Avenue #105
City, State Zip: Signal Hill, CA 90755
Customer Project #: 2230.1002.0
Project Name: Rio Hondo Park
Site Collection Info/Facility ID (as applicable): 8421 San Luis Potosi, Pico Rivera, CA
Time Zone Collected: [ ] AK [X] PT [ ] MT [ ] CT [ ] ET

Contact/Report To: Doug Whichard, Audrey Clark
Phone #: 925-784-1541, 858-829-2047
E-Mail: dwhichard@citadelEHS.com, aclark@citadelEHS.com
Cc E-Mail:
Invoice to:
Invoice E-Mail:
Purchase Order # (if applicable): #114684
Quote #:
State origin of sample(s):

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (CAA, RCRA, etc.) as applicable:
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2Day [ ] 3 Day Other
Date Results Requested: Standard TAT
Permit # as applicable:
Units for Reporting: ug/m³ PPBV mg/m³ PPMV

* Matrix Codes (Insert in Matrix box below): Ambient (A), Indoor (I), Soil Vapor (SV), Other (O)

Field Information

Analyses Requested

Customer Sample ID	Matrix *	Summa Canister ID	Flow Controller ID	Begin Collection Date	Begin Collection Time	End Collection Date	End Collection Time	Canister Pressure / Vacuum: Start Pressure / Vacuum (in Hg)	Canister Pressure / Vacuum: End Pressure / Vacuum (in Hg)	PUF / FILTER: Duration (minutes)	PUF / FILTER: Flow Rate m³/min or L/min	PUF / FILTER: Total Volume Sampled m³ or L	VOCs TO-15	Methane and fixed gases ASTM D1946	Sample Comment
B-1-5 - 1	SV	10279	1200	9/5/25	1000	9/5/25	1007	-28.5	-5	7	200	235	X	X	
B-1-15 - 2		11009	4000		1001		1008	-30	-5	7	200	25			
B-2-5 - 3		10714	1350		1037		1045	-30	-5	8		25			
B-2-15 - 4		5184	1243		1039		1044	-26	-5	5		21			
B-3-5 - 5		~~0017~~ 2980	1091		1119		1125	-29	-4	6		25			
B-3-15 - 6		~~11937~~ 2980	1249		1121		1126	-26	-5	5		21			
B-4-5 - 7		6390	1287		1214		1220	-28.5	-5	6		23.5			
B-4-15 - 8		1149	1511		1216		1221	-29	-5	5		24			
B-5-5 - 9		5165	1233		1347		1403	-27	-4	6		23			
B-5-15 - 10		1939	1245		1350		1356	-27	-5	6		22			

Lab Use Only: Proj. Manager: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID:

Additional Instructions from Pace®:
Deliver to Bakerfield
Standard TAT

Collected By: Audrey Clark
Printed Name: Audrey Clark
Signature: AClark

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C):

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
AClark Citadel EHS	9/5/25 1543	PACE	9/5/25 1545
PACE	9/5/25 1600		
			9/6/25 1145

Tracking Number:
Delivered by: In- Person Courier FedEx UPS Other

Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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FedEx Tracking. 4045 4582 4358

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Pace® Location Requested (City/State):

Air CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR code for instructions

2515706

Company Name: Citadel EHS

Street Address: 2525 Cherry Avenue #105

City, State Zip: Signal Hill, CA 90755

Customer Project #: 2230.1002.0

Project Name: Rio Hondo Park

Site Collection Info/Facility ID (as applicable): 8421 San Luis Potosi, Pico Rivera, CA

Time Zone Collected: [ ] AK [X] PT [ ] MT [ ] CT [ ] ET

Contact/Report To: Doug Whichard, Audrey Clark

Phone #: 925-784-1541, 858-829-2047

E-Mail: dwhichard@citadelEHS.com, aclark@citadelEHS.com

Cc E-Mail:

Invoice to:

Invoice E-Mail:

Purchase Order # (if applicable): #114684

Quote #:

State origin of sample(s):

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (CAA, RCRA, etc.) as applicable:

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2Day [ ] 3 Day Other

Date Results Requested: Standard TAT

Permit # as applicable:

Units for Reporting: ug/m³ PPBV mg/m³ PPMV

* Matrix Codes (Insert in Matrix box below): Ambient (A), Indoor (I), Soil Vapor (SV), Other (O)

Field Information

Analyses Requested

Lab Use Only: Proj. Manager; AcctNum / Client ID; Table #; Profile / Template; Prelog / Bottle Ord. ID:

Customer Sample ID	Matrix *	Summa Canister ID	Flow Controller ID	Begin Collection Date	Begin Collection Time	End Collection Date	End Collection Time	Canister Pressure / Vacuum: Start Pressure / Vacuum (in Hg)	Canister Pressure / Vacuum: End Pressure / Vacuum (in Hg)	PUF / FILTER: Duration (minutes)	PUF / FILTER: Flow Rate m³/min or L/min	PUF / FILTER: Total Volume Sampled m³ or L	VOCs TO-15	Methane and fixed gases ASTM D1946	Sample Comment
B-6-5 -11	SV	10305	1046	9/5/25	1311	9/5/25	1318	-28	~~-13~~ -5 *	7	~~200~~	23	X	X	
B-6-15 -12	↓	2898	1242	↓	1313	↓	1319	-27	-5	6	200	22	↓	↓	

CHK BY JCW

DISTRIBUTION KH

SUB OUT ☐

Additional Instructions from Pace®:

Deliver to Bakerfield
Standard TAT

Collected By: Audrey Clark
Printed Name: Audrey Clark
Signature: Audrey Clark

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C):

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Audrey Clark Citadel EHS	9/5/25 1543	PACE	9/5/25 1545	
Relinquished by/Company: (Signature) PACE	9/5/25 1600	Received by/Company: (Signature)	9/6/25 1145	Delivered by: In- Person Courier FedEx UPS Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page 2 of 2

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PACE ANALYTICAL — COOLER RECEIPT FORM — Page 1 Of 2

Submission #: 2515706

SHIPPING INFORMATION
Fed Ex ☒ UPS ☐ GSO / GLS ☐ Hand Delivery ☐
Pace Lab Field Service ☐ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☐ None ☐ Box ☒
Other ☐ (Specify)_____

FREE LIQUID
YES ☐ NO ☒
W / S

Refrigerant: Ice ☐ Blue Ice ☐ None ☒ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☐ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received ☒ YES ☐ NO

Emissivity: — Container: Summa Thermometer ID: —

Temperature: (A) Room °C / (C) Temp °C

Date/Time 9/6/25

Analyst Init JW 1145

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr+6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER 1.4L	A	A	A	A	A	A	A	A	A	A

Comments:_____
Sample Numbering Completed By: JW Date/Time: 9/6/25 1200
A = Actual / C = Corrected

Rev 23 05/20/22
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PACE ANALYTICAL — COOLER RECEIPT FORM — Page 2 Of 2

Submission #: 2515706

SHIPPING INFORMATION
Fed Ex ☒ UPS ☐ GSO / GLS ☐ Hand Delivery ☐
Pace Lab Field Service ☐ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☐ None ☐ Box ☒
Other ☐ (Specify)_____

FREE LIQUID
YES ☐ NO ☒
W / S

Refrigerant: Ice ☐ Blue Ice ☐ None ☒ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☐ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received
☒ YES ☐ NO

Emissivity: — Container: Summa Thermometer ID: —

Temperature: (A) Room °C / (C) Temp °C

Date/Time 9/6/25
Analyst Init JCM 1145

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER 1.4 L.	A	A								

Comments:
Sample Numbering Completed By: JCM Date/Time: 9/6/25 1200
A = Actual / C = Corrected

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ENVIRONMENTAL SCIENCES

Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2515706-01	**COC Number:**	---	**Receive Date:**	09/06/2025 11:45
	Project Number:	---	**Sampling Date:**	09/04/2025 10:07
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-1-5	**Lab Matrix:**	Air
	Sampled By:	Zev Fellenbaum	**Sample Type:**	Vapor or Air
2515706-02	**COC Number:**	---	**Receive Date:**	09/06/2025 11:45
	Project Number:	---	**Sampling Date:**	09/04/2025 10:08
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-1-15	**Lab Matrix:**	Air
	Sampled By:	Zev Fellenbaum	**Sample Type:**	Vapor or Air
2515706-03	**COC Number:**	---	**Receive Date:**	09/06/2025 11:45
	Project Number:	---	**Sampling Date:**	09/04/2025 10:45
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-2-5	**Lab Matrix:**	Air
	Sampled By:	Zev Fellenbaum	**Sample Type:**	Vapor or Air
2515706-04	**COC Number:**	---	**Receive Date:**	09/06/2025 11:45
	Project Number:	---	**Sampling Date:**	09/04/2025 10:44
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-2-15	**Lab Matrix:**	Air
	Sampled By:	Zev Fellenbaum	**Sample Type:**	Vapor or Air
2515706-05	**COC Number:**	---	**Receive Date:**	09/06/2025 11:45
	Project Number:	---	**Sampling Date:**	09/04/2025 11:25
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-3-5	**Lab Matrix:**	Air
	Sampled By:	Zev Fellenbaum	**Sample Type:**	Vapor or Air
2515706-06	**COC Number:**	---	**Receive Date:**	09/06/2025 11:45
	Project Number:	---	**Sampling Date:**	09/04/2025 11:26
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-3-15	**Lab Matrix:**	Air
	Sampled By:	Zev Fellenbaum	**Sample Type:**	Vapor or Air
2515706-07	**COC Number:**	---	**Receive Date:**	09/06/2025 11:45
	Project Number:	---	**Sampling Date:**	09/04/2025 12:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-4-5	**Lab Matrix:**	Air
	Sampled By:	Zev Fellenbaum	**Sample Type:**	Vapor or Air

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ENVIRONMENTAL SCIENCES

Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2515706-08	**COC Number:**	---	**Receive Date:**	09/06/2025 11:45
	Project Number:	---	**Sampling Date:**	09/04/2025 12:21
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-4-15	**Lab Matrix:**	Air
	Sampled By:	Zev Fellenbaum	**Sample Type:**	Vapor or Air
2515706-09	**COC Number:**	---	**Receive Date:**	09/06/2025 11:45
	Project Number:	---	**Sampling Date:**	09/04/2025 14:03
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-5-5	**Lab Matrix:**	Air
	Sampled By:	Zev Fellenbaum	**Sample Type:**	Vapor or Air
2515706-10	**COC Number:**	---	**Receive Date:**	09/06/2025 11:45
	Project Number:	---	**Sampling Date:**	09/04/2025 13:56
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-5-15	**Lab Matrix:**	Air
	Sampled By:	Zev Fellenbaum	**Sample Type:**	Vapor or Air
2515706-11	**COC Number:**	---	**Receive Date:**	09/06/2025 11:45
	Project Number:	---	**Sampling Date:**	09/04/2025 13:18
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-6-5	**Lab Matrix:**	Air
	Sampled By:	Zev Fellenbaum	**Sample Type:**	Vapor or Air
2515706-12	**COC Number:**	---	**Receive Date:**	09/06/2025 11:45
	Project Number:	---	**Sampling Date:**	09/04/2025 13:19
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B-6-15	**Lab Matrix:**	Air
	Sampled By:	Zev Fellenbaum	**Sample Type:**	Vapor or Air

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Pace Analytical
ENVIRONMENTAL SCIENCES

Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-01 | **Client Sample Name:** B-1-5, 9/4/2025 10:07:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Acetone	**42**	**ug/m3**	**2.0**	**0.62**	**EPA-TO-15**	**ND**	**A01**	**1**
Acetonitrile	ND	ug/m3	4.0	0.91	EPA-TO-15	ND	A01	1
Allyl chloride	ND	ug/m3	2.0	0.36	EPA-TO-15	ND	A01	1
Benzene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
Benzyl chloride	ND	ug/m3	6.0	0.83	EPA-TO-15	ND	A01	1
Bromodichloromethane	ND	ug/m3	2.0	0.68	EPA-TO-15	ND	A01	1
Bromoform	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Bromomethane	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
1,3-Butadiene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
sec-Butylbenzene	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
tert-Butylbenzene	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
Carbon disulfide	**3.2**	**ug/m3**	**2.0**	**0.30**	**EPA-TO-15**	**ND**	**A01**	**1**
Carbon tetrachloride	ND	ug/m3	2.0	0.64	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ug/m3	2.0	0.37	EPA-TO-15	ND	A01	1
Chlorodifluoromethane	**2.6**	**ug/m3**	**2.0**	**0.59**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloroethane	ND	ug/m3	2.0	0.39	EPA-TO-15	ND	A01	1
Chloroform	**1.6**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Chloromethane	ND	ug/m3	2.0	0.17	EPA-TO-15	ND	A01	1
Cyclohexane	**2.0**	**ug/m3**	**2.0**	**0.21**	**EPA-TO-15**	**ND**	**A01**	**1**
p-Cymene	**1.3**	**ug/m3**	**2.0**	**0.58**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Decane	**12**	**ug/m3**	**2.0**	**0.73**	**EPA-TO-15**	**ND**	**A01**	**1**
Dibromochloromethane	ND	ug/m3	4.0	0.92	EPA-TO-15	ND	A01	1
1,2-Dibromoethane	**2.5**	**ug/m3**	**4.0**	**0.78**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,2-Dichlorobenzene	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ug/m3	4.0	0.69	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ug/m3	4.0	0.89	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	**2.5**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
1,1-Dichloroethane	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloroethane	ND	ug/m3	2.0	0.38	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1
cis-1,2-Dichloroethene	ND	ug/m3	2.0	0.40	EPA-TO-15	ND	A01	1
trans-1,2-Dichloroethene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-01 | **Client Sample Name:** B-1-5, 9/4/2025 10:07:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ug/m3	4.0	0.56	EPA-TO-15	ND	A01	1
2,2-Dichloro-1,1,1-trifluoroethane	ND	ug/m3	4.0	0.38	EPA-TO-15	ND	A01	1
1,1-Difluoroethane	**1.5**	**ug/m3**	**6.0**	**0.24**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,4-Dioxane	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
Ethanol	**150**	**ug/m3**	**2.0**	**0.41**	**EPA-TO-15**	**ND**	**A01**	**1**
Ethyl acetate	ND	ug/m3	2.0	0.46	EPA-TO-15	ND	A01	1
Ethylbenzene	**4.2**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**A01**	**1**
1-Ethyl-4-methylbenzene	**1.9**	**ug/m3**	**2.0**	**0.55**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Heptane	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Hexane	ND	ug/m3	2.0	0.31	EPA-TO-15	ND	A01	1
Isopropyl alcohol	**37**	**ug/m3**	**4.0**	**0.45**	**EPA-TO-15**	**ND**	**A01**	**1**
Isopropylbenzene	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methyl acetate	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
2-Methylbutane	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methylcyclohexane	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Methylene chloride	ND	ug/m3	4.0	0.83	EPA-TO-15	ND	A01	1
Methyl ethyl ketone	**8.6**	**ug/m3**	**2.0**	**0.37**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl isobutyl ketone	**3.1**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl methacrylate	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
Methyl t-butyl ether	ND	ug/m3	2.0	0.29	EPA-TO-15	ND	A01	1
n-Nonane	**4.8**	**ug/m3**	**2.0**	**0.51**	**EPA-TO-15**	**ND**	**A01**	**1**
n-Octane	**2.1**	**ug/m3**	**2.0**	**0.70**	**EPA-TO-15**	**ND**	**A01**	**1**
n-Propylbenzene	ND	ug/m3	2.0	0.62	EPA-TO-15	ND	A01	1
Propylene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Styrene	**1.1**	**ug/m3**	**2.0**	**0.58**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2,2-Tetrachloroethane	ND	ug/m3	4.0	0.70	EPA-TO-15	ND	A01	1
Tetrachloroethene	**5.6**	**ug/m3**	**4.0**	**0.69**	**EPA-TO-15**	**ND**	**A01**	**1**
Tetrahydrofuran	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Toluene	**12**	**ug/m3**	**2.0**	**0.36**	**EPA-TO-15**	**ND**	**A01**	**1**
1,2,4-Trichlorobenzene	ND	ug/m3	8.0	0.95	EPA-TO-15	ND	A01	1

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-01 | **Client Sample Name:** B-1-5, 9/4/2025 10:07:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
Trichloroethene	ND	ug/m3	2.0	0.71	EPA-TO-15	ND	A01	1
Trichlorofluoromethane	**1.3**	**ug/m3**	**2.0**	**0.38**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/m3	4.0	0.74	EPA-TO-15	ND	A01	1
1,2,3-Trimethylbenzene	**0.98**	**ug/m3**	**2.0**	**0.54**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,2,4-Trimethylbenzene	**3.9**	**ug/m3**	**2.0**	**0.65**	**EPA-TO-15**	**ND**	**A01**	**1**
1,3,5-Trimethylbenzene	ND	ug/m3	2.0	0.82	EPA-TO-15	ND	A01	1
Vinyl acetate	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Vinyl chloride	ND	ug/m3	2.0	0.16	EPA-TO-15	ND	A01	1
p- & m-Xylenes	**19**	**ug/m3**	**4.0**	**0.76**	**EPA-TO-15**	**ND**	**A01**	**1**
o-Xylene	**6.3**	**ug/m3**	**2.0**	**0.49**	**EPA-TO-15**	**ND**	**A01**	**1**
Total Xylenes	**26**	**ug/m3**	**6.0**	**1.2**	**EPA-TO-15**	**ND**	**A01**	**1**
4-Bromofluorobenzene (Surrogate)	109	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-TO-15	09/16/25 14:13	09/16/25 21:47	BEP	MS-A1	2	B219249	EPA TO-15

DCN = Data Continuation Number

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Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Pace Sample ID: 2515706-01 | **Client Sample Name:** B-1-5, 9/4/2025 10:07:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Carbon dioxide (CO2)	**3.4**	**% by Vol.**	**0.10**	**0.060**	**ASTM-D1946**	**ND**	**Z1**	**1**
Carbon monoxide (CO)	ND	% by Vol.	0.050	0.028	ASTM-D1946	ND	Z1	1
Methane (CH4)	**0.010**	**% by Vol.**	**0.00020**	**0.00018**	**ASTM-D1946**	**ND**	**Z1**	**1**
Nitrogen (N2)	**78**	**% by Vol.**	**5.0**	**0.25**	**ASTM-D1946**	**ND**	**Z1**	**1**
Oxygen (O2)	**19**	**% by Vol.**	**0.020**	**0.016**	**ASTM-D1946**	**ND**	**Z1**	**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	ASTM-D1946	09/09/25 09:59	09/09/25 19:11	RMK	GC-A1	1	B218923	No Prep

DCN = Data Continuation Number

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Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-02 | **Client Sample Name:** B-1-15, 9/4/2025 10:08:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Acetone	**24**	**ug/m3**	**2.0**	**0.62**	**EPA-TO-15**	**ND**	**A01**	**1**
Acetonitrile	ND	ug/m3	4.0	0.91	EPA-TO-15	ND	A01	1
Allyl chloride	ND	ug/m3	2.0	0.36	EPA-TO-15	ND	A01	1
Benzene	**0.96**	**ug/m3**	**2.0**	**0.33**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Benzyl chloride	ND	ug/m3	6.0	0.83	EPA-TO-15	ND	A01	1
Bromodichloromethane	ND	ug/m3	2.0	0.68	EPA-TO-15	ND	A01	1
Bromoform	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Bromomethane	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
1,3-Butadiene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
sec-Butylbenzene	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
tert-Butylbenzene	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
Carbon disulfide	ND	ug/m3	2.0	0.30	EPA-TO-15	ND	A01	1
Carbon tetrachloride	ND	ug/m3	2.0	0.64	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ug/m3	2.0	0.37	EPA-TO-15	ND	A01	1
Chlorodifluoromethane	**5.4**	**ug/m3**	**2.0**	**0.59**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloroethane	ND	ug/m3	2.0	0.39	EPA-TO-15	ND	A01	1
Chloroform	ND	ug/m3	2.0	0.44	EPA-TO-15	ND	A01	1
Chloromethane	ND	ug/m3	2.0	0.17	EPA-TO-15	ND	A01	1
Cyclohexane	ND	ug/m3	2.0	0.21	EPA-TO-15	ND	A01	1
p-Cymene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
n-Decane	**10**	**ug/m3**	**2.0**	**0.73**	**EPA-TO-15**	**ND**	**A01**	**1**
Dibromochloromethane	ND	ug/m3	4.0	0.92	EPA-TO-15	ND	A01	1
1,2-Dibromoethane	ND	ug/m3	4.0	0.78	EPA-TO-15	ND	A01	1
1,2-Dichlorobenzene	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ug/m3	4.0	0.69	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ug/m3	4.0	0.89	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	**2.4**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
1,1-Dichloroethane	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloroethane	ND	ug/m3	2.0	0.38	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1
cis-1,2-Dichloroethene	ND	ug/m3	2.0	0.40	EPA-TO-15	ND	A01	1
trans-1,2-Dichloroethene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1

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Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-02 | **Client Sample Name:** B-1-15, 9/4/2025 10:08:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ug/m3	4.0	0.56	EPA-TO-15	ND	A01	1
2,2-Dichloro-1,1,1-trifluoroethane	ND	ug/m3	4.0	0.38	EPA-TO-15	ND	A01	1
1,1-Difluoroethane	**1.6**	**ug/m3**	**6.0**	**0.24**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,4-Dioxane	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
Ethanol	**30**	**ug/m3**	**2.0**	**0.41**	**EPA-TO-15**	**ND**	**A01**	**1**
Ethyl acetate	ND	ug/m3	2.0	0.46	EPA-TO-15	ND	A01	1
Ethylbenzene	**2.0**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**A01**	**1**
1-Ethyl-4-methylbenzene	**1.1**	**ug/m3**	**2.0**	**0.55**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Heptane	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Hexane	**2.3**	**ug/m3**	**2.0**	**0.31**	**EPA-TO-15**	**ND**	**A01**	**1**
Isopropyl alcohol	**14**	**ug/m3**	**4.0**	**0.45**	**EPA-TO-15**	**ND**	**A01**	**1**
Isopropylbenzene	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methyl acetate	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
2-Methylbutane	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methylcyclohexane	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Methylene chloride	ND	ug/m3	4.0	0.83	EPA-TO-15	ND	A01	1
Methyl ethyl ketone	**6.9**	**ug/m3**	**2.0**	**0.37**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl isobutyl ketone	**0.82**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Methyl methacrylate	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
Methyl t-butyl ether	ND	ug/m3	2.0	0.29	EPA-TO-15	ND	A01	1
n-Nonane	**3.7**	**ug/m3**	**2.0**	**0.51**	**EPA-TO-15**	**ND**	**A01**	**1**
n-Octane	**1.7**	**ug/m3**	**2.0**	**0.70**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Propylbenzene	ND	ug/m3	2.0	0.62	EPA-TO-15	ND	A01	1
Propylene	**8.0**	**ug/m3**	**2.0**	**0.32**	**EPA-TO-15**	**ND**	**A01**	**1**
Styrene	**0.94**	**ug/m3**	**2.0**	**0.58**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2,2-Tetrachloroethane	ND	ug/m3	4.0	0.70	EPA-TO-15	ND	A01	1
Tetrachloroethene	**5.0**	**ug/m3**	**4.0**	**0.69**	**EPA-TO-15**	**ND**	**A01**	**1**
Tetrahydrofuran	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Toluene	**16**	**ug/m3**	**2.0**	**0.36**	**EPA-TO-15**	**ND**	**A01**	**1**
1,2,4-Trichlorobenzene	ND	ug/m3	8.0	0.95	EPA-TO-15	ND	A01	1

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Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-02 | **Client Sample Name:** B-1-15, 9/4/2025 10:08:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
Trichloroethene	ND	ug/m3	2.0	0.71	EPA-TO-15	ND	A01	1
Trichlorofluoromethane	**1.3**	**ug/m3**	**2.0**	**0.38**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/m3	4.0	0.74	EPA-TO-15	ND	A01	1
1,2,3-Trimethylbenzene	ND	ug/m3	2.0	0.54	EPA-TO-15	ND	A01	1
1,2,4-Trimethylbenzene	**2.1**	**ug/m3**	**2.0**	**0.65**	**EPA-TO-15**	**ND**	**A01**	**1**
1,3,5-Trimethylbenzene	ND	ug/m3	2.0	0.82	EPA-TO-15	ND	A01	1
Vinyl acetate	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Vinyl chloride	ND	ug/m3	2.0	0.16	EPA-TO-15	ND	A01	1
p- & m-Xylenes	**9.9**	**ug/m3**	**4.0**	**0.76**	**EPA-TO-15**	**ND**	**A01**	**1**
o-Xylene	**3.1**	**ug/m3**	**2.0**	**0.49**	**EPA-TO-15**	**ND**	**A01**	**1**
Total Xylenes	**13**	**ug/m3**	**6.0**	**1.2**	**EPA-TO-15**	**ND**	**A01**	**1**
4-Bromofluorobenzene (Surrogate)	108	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-TO-15	09/16/25 14:13	09/16/25 22:23	BEP	MS-A1	2	B219249	EPA TO-15

DCN = Data Continuation Number

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Pace Sample ID: 2515706-02 | **Client Sample Name:** B-1-15, 9/4/2025 10:08:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Carbon dioxide (CO2)	**3.7**	**% by Vol.**	**0.10**	**0.060**	**ASTM-D1946**	**ND**	**Z1**	**1**
Carbon monoxide (CO)	ND	% by Vol.	0.050	0.028	ASTM-D1946	ND	Z1	1
Methane (CH4)	**0.016**	**% by Vol.**	**0.00020**	**0.00018**	**ASTM-D1946**	**ND**	**Z1**	**1**
Nitrogen (N2)	**77**	**% by Vol.**	**5.0**	**0.25**	**ASTM-D1946**	**ND**	**Z1**	**1**
Oxygen (O2)	**19**	**% by Vol.**	**0.020**	**0.016**	**ASTM-D1946**	**ND**	**Z1**	**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	ASTM-D1946	09/09/25 09:59	09/09/25 19:33	RMK	GC-A1	1	B218923	No Prep

DCN = Data Continuation Number

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-03 | **Client Sample Name:** B-2-5, 9/4/2025 10:45:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Acetone	**29**	**ug/m3**	**2.0**	**0.62**	**EPA-TO-15**	**ND**	**A01**	**1**
Acetonitrile	ND	ug/m3	4.0	0.91	EPA-TO-15	ND	A01	1
Allyl chloride	ND	ug/m3	2.0	0.36	EPA-TO-15	ND	A01	1
Benzene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
Benzyl chloride	ND	ug/m3	6.0	0.83	EPA-TO-15	ND	A01	1
Bromodichloromethane	ND	ug/m3	2.0	0.68	EPA-TO-15	ND	A01	1
Bromoform	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Bromomethane	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
1,3-Butadiene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
sec-Butylbenzene	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
tert-Butylbenzene	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
Carbon disulfide	ND	ug/m3	2.0	0.30	EPA-TO-15	ND	A01	1
Carbon tetrachloride	ND	ug/m3	2.0	0.64	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ug/m3	2.0	0.37	EPA-TO-15	ND	A01	1
Chlorodifluoromethane	**33**	**ug/m3**	**2.0**	**0.59**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloroethane	ND	ug/m3	2.0	0.39	EPA-TO-15	ND	A01	1
Chloroform	ND	ug/m3	2.0	0.44	EPA-TO-15	ND	A01	1
Chloromethane	ND	ug/m3	2.0	0.17	EPA-TO-15	ND	A01	1
Cyclohexane	ND	ug/m3	2.0	0.21	EPA-TO-15	ND	A01	1
p-Cymene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
n-Decane	**8.6**	**ug/m3**	**2.0**	**0.73**	**EPA-TO-15**	**ND**	**A01**	**1**
Dibromochloromethane	ND	ug/m3	4.0	0.92	EPA-TO-15	ND	A01	1
1,2-Dibromoethane	ND	ug/m3	4.0	0.78	EPA-TO-15	ND	A01	1
1,2-Dichlorobenzene	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ug/m3	4.0	0.69	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ug/m3	4.0	0.89	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	**2.5**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
1,1-Dichloroethane	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloroethane	ND	ug/m3	2.0	0.38	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1
cis-1,2-Dichloroethene	ND	ug/m3	2.0	0.40	EPA-TO-15	ND	A01	1
trans-1,2-Dichloroethene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-03 | **Client Sample Name:** B-2-5, 9/4/2025 10:45:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ug/m3	4.0	0.56	EPA-TO-15	ND	A01	1
2,2-Dichloro-1,1,1-trifluoroethane	ND	ug/m3	4.0	0.38	EPA-TO-15	ND	A01	1
1,1-Difluoroethane	ND	ug/m3	6.0	0.24	EPA-TO-15	ND	A01	1
1,4-Dioxane	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
Ethanol	**89**	**ug/m3**	**2.0**	**0.41**	**EPA-TO-15**	**ND**	**A01**	**1**
Ethyl acetate	ND	ug/m3	2.0	0.46	EPA-TO-15	ND	A01	1
Ethylbenzene	**2.0**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**A01**	**1**
1-Ethyl-4-methylbenzene	**0.98**	**ug/m3**	**2.0**	**0.55**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Heptane	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Hexane	ND	ug/m3	2.0	0.31	EPA-TO-15	ND	A01	1
Isopropyl alcohol	**18**	**ug/m3**	**4.0**	**0.45**	**EPA-TO-15**	**ND**	**A01**	**1**
Isopropylbenzene	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methyl acetate	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
2-Methylbutane	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methylcyclohexane	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Methylene chloride	**2.8**	**ug/m3**	**4.0**	**0.83**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Methyl ethyl ketone	**5.6**	**ug/m3**	**2.0**	**0.37**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl isobutyl ketone	**2.0**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl methacrylate	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
Methyl t-butyl ether	ND	ug/m3	2.0	0.29	EPA-TO-15	ND	A01	1
n-Nonane	**3.6**	**ug/m3**	**2.0**	**0.51**	**EPA-TO-15**	**ND**	**A01**	**1**
n-Octane	**1.6**	**ug/m3**	**2.0**	**0.70**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Propylbenzene	ND	ug/m3	2.0	0.62	EPA-TO-15	ND	A01	1
Propylene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Styrene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
1,1,2,2-Tetrachloroethane	ND	ug/m3	4.0	0.70	EPA-TO-15	ND	A01	1
Tetrachloroethene	**2.2**	**ug/m3**	**4.0**	**0.69**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Tetrahydrofuran	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Toluene	**9.4**	**ug/m3**	**2.0**	**0.36**	**EPA-TO-15**	**ND**	**A01**	**1**
1,2,4-Trichlorobenzene	ND	ug/m3	8.0	0.95	EPA-TO-15	ND	A01	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-03 | **Client Sample Name:** B-2-5, 9/4/2025 10:45:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
Trichloroethene	ND	ug/m3	2.0	0.71	EPA-TO-15	ND	A01	1
Trichlorofluoromethane	**1.2**	**ug/m3**	**2.0**	**0.38**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/m3	4.0	0.74	EPA-TO-15	ND	A01	1
1,2,3-Trimethylbenzene	ND	ug/m3	2.0	0.54	EPA-TO-15	ND	A01	1
1,2,4-Trimethylbenzene	**1.7**	**ug/m3**	**2.0**	**0.65**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,3,5-Trimethylbenzene	ND	ug/m3	2.0	0.82	EPA-TO-15	ND	A01	1
Vinyl acetate	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Vinyl chloride	ND	ug/m3	2.0	0.16	EPA-TO-15	ND	A01	1
p- & m-Xylenes	**9.0**	**ug/m3**	**4.0**	**0.76**	**EPA-TO-15**	**ND**	**A01**	**1**
o-Xylene	**3.0**	**ug/m3**	**2.0**	**0.49**	**EPA-TO-15**	**ND**	**A01**	**1**
Total Xylenes	**12**	**ug/m3**	**6.0**	**1.2**	**EPA-TO-15**	**ND**	**A01**	**1**
4-Bromofluorobenzene (Surrogate)	108	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-TO-15	09/16/25 14:13	09/16/25 22:59	BEP	MS-A1	2	B219249	EPA TO-15

DCN = Data Continuation Number

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Pace Sample ID: 2515706-03 | **Client Sample Name:** B-2-5, 9/4/2025 10:45:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Carbon dioxide (CO2)	**4.5**	**% by Vol.**	**0.10**	**0.060**	**ASTM-D1946**	**ND**	**Z1**	**1**
Carbon monoxide (CO)	ND	% by Vol.	0.050	0.028	ASTM-D1946	ND	Z1	1
Methane (CH4)	**0.00072**	**% by Vol.**	**0.00020**	**0.00018**	**ASTM-D1946**	**ND**	**Z1**	**1**
Nitrogen (N2)	**77**	**% by Vol.**	**5.0**	**0.25**	**ASTM-D1946**	**ND**	**Z1**	**1**
Oxygen (O2)	**19**	**% by Vol.**	**0.020**	**0.016**	**ASTM-D1946**	**ND**	**Z1**	**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	ASTM-D1946	09/09/25 09:59	09/09/25 19:54	RMK	GC-A1	1	B218923	No Prep

DCN = Data Continuation Number

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-04 | **Client Sample Name:** B-2-15, 9/4/2025 10:44:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Acetone	**15**	**ug/m3**	**2.0**	**0.62**	**EPA-TO-15**	**ND**	**A01**	**1**
Acetonitrile	ND	ug/m3	4.0	0.91	EPA-TO-15	ND	A01	1
Allyl chloride	ND	ug/m3	2.0	0.36	EPA-TO-15	ND	A01	1
Benzene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
Benzyl chloride	ND	ug/m3	6.0	0.83	EPA-TO-15	ND	A01	1
Bromodichloromethane	ND	ug/m3	2.0	0.68	EPA-TO-15	ND	A01	1
Bromoform	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Bromomethane	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
1,3-Butadiene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
sec-Butylbenzene	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
tert-Butylbenzene	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
Carbon disulfide	**1.5**	**ug/m3**	**2.0**	**0.30**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Carbon tetrachloride	ND	ug/m3	2.0	0.64	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ug/m3	2.0	0.37	EPA-TO-15	ND	A01	1
Chlorodifluoromethane	**3.3**	**ug/m3**	**2.0**	**0.59**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloroethane	ND	ug/m3	2.0	0.39	EPA-TO-15	ND	A01	1
Chloroform	ND	ug/m3	2.0	0.44	EPA-TO-15	ND	A01	1
Chloromethane	ND	ug/m3	2.0	0.17	EPA-TO-15	ND	A01	1
Cyclohexane	ND	ug/m3	2.0	0.21	EPA-TO-15	ND	A01	1
p-Cymene	**1.9**	**ug/m3**	**2.0**	**0.58**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Decane	**9.2**	**ug/m3**	**2.0**	**0.73**	**EPA-TO-15**	**ND**	**A01**	**1**
Dibromochloromethane	ND	ug/m3	4.0	0.92	EPA-TO-15	ND	A01	1
1,2-Dibromoethane	ND	ug/m3	4.0	0.78	EPA-TO-15	ND	A01	1
1,2-Dichlorobenzene	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ug/m3	4.0	0.69	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ug/m3	4.0	0.89	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	**2.4**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
1,1-Dichloroethane	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloroethane	ND	ug/m3	2.0	0.38	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1
cis-1,2-Dichloroethene	ND	ug/m3	2.0	0.40	EPA-TO-15	ND	A01	1
trans-1,2-Dichloroethene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1

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Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-04 | **Client Sample Name:** B-2-15, 9/4/2025 10:44:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ug/m3	4.0	0.56	EPA-TO-15	ND	A01	1
2,2-Dichloro-1,1,1-trifluoroethane	ND	ug/m3	4.0	0.38	EPA-TO-15	ND	A01	1
1,1-Difluoroethane	ND	ug/m3	6.0	0.24	EPA-TO-15	ND	A01	1
1,4-Dioxane	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
Ethanol	**29**	**ug/m3**	**2.0**	**0.41**	**EPA-TO-15**	**ND**	**A01**	**1**
Ethyl acetate	ND	ug/m3	2.0	0.46	EPA-TO-15	ND	A01	1
Ethylbenzene	**3.1**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**A01**	**1**
1-Ethyl-4-methylbenzene	**1.3**	**ug/m3**	**2.0**	**0.55**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Heptane	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Hexane	ND	ug/m3	2.0	0.31	EPA-TO-15	ND	A01	1
Isopropyl alcohol	**5.7**	**ug/m3**	**4.0**	**0.45**	**EPA-TO-15**	**ND**	**A01**	**1**
Isopropylbenzene	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methyl acetate	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
2-Methylbutane	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methylcyclohexane	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Methylene chloride	ND	ug/m3	4.0	0.83	EPA-TO-15	ND	A01	1
Methyl ethyl ketone	**5.3**	**ug/m3**	**2.0**	**0.37**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl isobutyl ketone	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
Methyl methacrylate	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
Methyl t-butyl ether	ND	ug/m3	2.0	0.29	EPA-TO-15	ND	A01	1
n-Nonane	**3.5**	**ug/m3**	**2.0**	**0.51**	**EPA-TO-15**	**ND**	**A01**	**1**
n-Octane	**1.1**	**ug/m3**	**2.0**	**0.70**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Propylbenzene	ND	ug/m3	2.0	0.62	EPA-TO-15	ND	A01	1
Propylene	**2.4**	**ug/m3**	**2.0**	**0.32**	**EPA-TO-15**	**ND**	**A01**	**1**
Styrene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
1,1,2,2-Tetrachloroethane	ND	ug/m3	4.0	0.70	EPA-TO-15	ND	A01	1
Tetrachloroethene	**3.4**	**ug/m3**	**4.0**	**0.69**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Tetrahydrofuran	**1.7**	**ug/m3**	**2.0**	**0.35**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Toluene	**13**	**ug/m3**	**2.0**	**0.36**	**EPA-TO-15**	**ND**	**A01**	**1**
1,2,4-Trichlorobenzene	ND	ug/m3	8.0	0.95	EPA-TO-15	ND	A01	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-04 | **Client Sample Name:** B-2-15, 9/4/2025 10:44:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
Trichloroethene	ND	ug/m3	2.0	0.71	EPA-TO-15	ND	A01	1
Trichlorofluoromethane	**1.3**	**ug/m3**	**2.0**	**0.38**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/m3	4.0	0.74	EPA-TO-15	ND	A01	1
1,2,3-Trimethylbenzene	ND	ug/m3	2.0	0.54	EPA-TO-15	ND	A01	1
1,2,4-Trimethylbenzene	**2.6**	**ug/m3**	**2.0**	**0.65**	**EPA-TO-15**	**ND**	**A01**	**1**
1,3,5-Trimethylbenzene	ND	ug/m3	2.0	0.82	EPA-TO-15	ND	A01	1
Vinyl acetate	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Vinyl chloride	ND	ug/m3	2.0	0.16	EPA-TO-15	ND	A01	1
p- & m-Xylenes	**9.6**	**ug/m3**	**4.0**	**0.76**	**EPA-TO-15**	**ND**	**A01**	**1**
o-Xylene	**3.0**	**ug/m3**	**2.0**	**0.49**	**EPA-TO-15**	**ND**	**A01**	**1**
Total Xylenes	**13**	**ug/m3**	**6.0**	**1.2**	**EPA-TO-15**	**ND**	**A01**	**1**
4-Bromofluorobenzene (Surrogate)	108	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-TO-15	09/16/25 14:13	09/16/25 23:36	BEP	MS-A1	2	B219249	EPA TO-15

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Pace Sample ID: 2515706-04 | **Client Sample Name:** B-2-15, 9/4/2025 10:44:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Carbon dioxide (CO2)	**5.1**	**% by Vol.**	**0.10**	**0.060**	**ASTM-D1946**	**ND**	**Z1**	**1**
Carbon monoxide (CO)	ND	% by Vol.	0.050	0.028	ASTM-D1946	ND	Z1	1
Methane (CH4)	**0.00065**	**% by Vol.**	**0.00020**	**0.00018**	**ASTM-D1946**	**ND**	**Z1**	**1**
Nitrogen (N2)	**77**	**% by Vol.**	**5.0**	**0.25**	**ASTM-D1946**	**ND**	**Z1**	**1**
Oxygen (O2)	**18**	**% by Vol.**	**0.020**	**0.016**	**ASTM-D1946**	**ND**	**Z1**	**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	ASTM-D1946	09/09/25 09:59	09/09/25 20:15	RMK	GC-A1	1	B218923	No Prep

DCN = Data Continuation Number

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Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-05 | **Client Sample Name:** B-3-5, 9/4/2025 11:25:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Acetone	**33**	**ug/m3**	**2.0**	**0.62**	**EPA-TO-15**	**ND**	**A01**	**1**
Acetonitrile	ND	ug/m3	4.0	0.91	EPA-TO-15	ND	A01	1
Allyl chloride	ND	ug/m3	2.0	0.36	EPA-TO-15	ND	A01	1
Benzene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
Benzyl chloride	ND	ug/m3	6.0	0.83	EPA-TO-15	ND	A01	1
Bromodichloromethane	ND	ug/m3	2.0	0.68	EPA-TO-15	ND	A01	1
Bromoform	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Bromomethane	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
1,3-Butadiene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
sec-Butylbenzene	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
tert-Butylbenzene	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
Carbon disulfide	ND	ug/m3	2.0	0.30	EPA-TO-15	ND	A01	1
Carbon tetrachloride	ND	ug/m3	2.0	0.64	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ug/m3	2.0	0.37	EPA-TO-15	ND	A01	1
Chlorodifluoromethane	**3.0**	**ug/m3**	**2.0**	**0.59**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloroethane	ND	ug/m3	2.0	0.39	EPA-TO-15	ND	A01	1
Chloroform	**2.0**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloromethane	ND	ug/m3	2.0	0.17	EPA-TO-15	ND	A01	1
Cyclohexane	ND	ug/m3	2.0	0.21	EPA-TO-15	ND	A01	1
p-Cymene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
n-Decane	**11**	**ug/m3**	**2.0**	**0.73**	**EPA-TO-15**	**ND**	**A01**	**1**
Dibromochloromethane	ND	ug/m3	4.0	0.92	EPA-TO-15	ND	A01	1
1,2-Dibromoethane	ND	ug/m3	4.0	0.78	EPA-TO-15	ND	A01	1
1,2-Dichlorobenzene	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ug/m3	4.0	0.69	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ug/m3	4.0	0.89	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	**2.5**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
1,1-Dichloroethane	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloroethane	ND	ug/m3	2.0	0.38	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1
cis-1,2-Dichloroethene	ND	ug/m3	2.0	0.40	EPA-TO-15	ND	A01	1
trans-1,2-Dichloroethene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1

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Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-05 | **Client Sample Name:** B-3-5, 9/4/2025 11:25:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ug/m3	4.0	0.56	EPA-TO-15	ND	A01	1
2,2-Dichloro-1,1,1-trifluoroethane	ND	ug/m3	4.0	0.38	EPA-TO-15	ND	A01	1
1,1-Difluoroethane	ND	ug/m3	6.0	0.24	EPA-TO-15	ND	A01	1
1,4-Dioxane	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
Ethanol	**92**	**ug/m3**	**2.0**	**0.41**	**EPA-TO-15**	**ND**	**A01**	**1**
Ethyl acetate	ND	ug/m3	2.0	0.46	EPA-TO-15	ND	A01	1
Ethylbenzene	**1.9**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1-Ethyl-4-methylbenzene	ND	ug/m3	2.0	0.55	EPA-TO-15	ND	A01	1
n-Heptane	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Hexane	ND	ug/m3	2.0	0.31	EPA-TO-15	ND	A01	1
Isopropyl alcohol	**18**	**ug/m3**	**4.0**	**0.45**	**EPA-TO-15**	**ND**	**A01**	**1**
Isopropylbenzene	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methyl acetate	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
2-Methylbutane	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methylcyclohexane	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Methylene chloride	ND	ug/m3	4.0	0.83	EPA-TO-15	ND	A01	1
Methyl ethyl ketone	**7.7**	**ug/m3**	**2.0**	**0.37**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl isobutyl ketone	**1.9**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Methyl methacrylate	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
Methyl t-butyl ether	ND	ug/m3	2.0	0.29	EPA-TO-15	ND	A01	1
n-Nonane	**3.3**	**ug/m3**	**2.0**	**0.51**	**EPA-TO-15**	**ND**	**A01**	**1**
n-Octane	**1.5**	**ug/m3**	**2.0**	**0.70**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Propylbenzene	ND	ug/m3	2.0	0.62	EPA-TO-15	ND	A01	1
Propylene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Styrene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
1,1,2,2-Tetrachloroethane	ND	ug/m3	4.0	0.70	EPA-TO-15	ND	A01	1
Tetrachloroethene	**3.4**	**ug/m3**	**4.0**	**0.69**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Tetrahydrofuran	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Toluene	**9.3**	**ug/m3**	**2.0**	**0.36**	**EPA-TO-15**	**ND**	**A01**	**1**
1,2,4-Trichlorobenzene	ND	ug/m3	8.0	0.95	EPA-TO-15	ND	A01	1

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Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-05 | **Client Sample Name:** B-3-5, 9/4/2025 11:25:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
Trichloroethene	ND	ug/m3	2.0	0.71	EPA-TO-15	ND	A01	1
Trichlorofluoromethane	**1.2**	**ug/m3**	**2.0**	**0.38**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/m3	4.0	0.74	EPA-TO-15	ND	A01	1
1,2,3-Trimethylbenzene	ND	ug/m3	2.0	0.54	EPA-TO-15	ND	A01	1
1,2,4-Trimethylbenzene	**2.2**	**ug/m3**	**2.0**	**0.65**	**EPA-TO-15**	**ND**	**A01**	**1**
1,3,5-Trimethylbenzene	ND	ug/m3	2.0	0.82	EPA-TO-15	ND	A01	1
Vinyl acetate	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Vinyl chloride	ND	ug/m3	2.0	0.16	EPA-TO-15	ND	A01	1
p- & m-Xylenes	**8.8**	**ug/m3**	**4.0**	**0.76**	**EPA-TO-15**	**ND**	**A01**	**1**
o-Xylene	**3.3**	**ug/m3**	**2.0**	**0.49**	**EPA-TO-15**	**ND**	**A01**	**1**
Total Xylenes	**12**	**ug/m3**	**6.0**	**1.2**	**EPA-TO-15**	**ND**	**A01**	**1**
4-Bromofluorobenzene (Surrogate)	108	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-TO-15	09/16/25 14:13	09/17/25 00:13	BEP	MS-A1	2	B219249	EPA TO-15

DCN = Data Continuation Number

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Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Pace Sample ID: 2515706-05 | **Client Sample Name:** B-3-5, 9/4/2025 11:25:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Carbon dioxide (CO2)	**1.6**	**% by Vol.**	**0.10**	**0.060**	**ASTM-D1946**	**ND**	**Z1**	**1**
Carbon monoxide (CO)	ND	% by Vol.	0.050	0.028	ASTM-D1946	ND	Z1	1
Methane (CH4)	**0.00025**	**% by Vol.**	**0.00020**	**0.00018**	**ASTM-D1946**	**ND**	**Z1**	**1**
Nitrogen (N2)	**77**	**% by Vol.**	**5.0**	**0.25**	**ASTM-D1946**	**ND**	**Z1**	**1**
Oxygen (O2)	**21**	**% by Vol.**	**0.020**	**0.016**	**ASTM-D1946**	**ND**	**Z1**	**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	ASTM-D1946	09/09/25 09:59	09/09/25 20:37	RMK	GC-A1	1	B218923	No Prep

DCN = Data Continuation Number

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Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-06 | **Client Sample Name:** B-3-15, 9/4/2025 11:26:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Acetone	**19**	**ug/m3**	**2.0**	**0.62**	**EPA-TO-15**	**ND**	**A01**	**1**
Acetonitrile	ND	ug/m3	4.0	0.91	EPA-TO-15	ND	A01	1
Allyl chloride	ND	ug/m3	2.0	0.36	EPA-TO-15	ND	A01	1
Benzene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
Benzyl chloride	ND	ug/m3	6.0	0.83	EPA-TO-15	ND	A01	1
Bromodichloromethane	ND	ug/m3	2.0	0.68	EPA-TO-15	ND	A01	1
Bromoform	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Bromomethane	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
1,3-Butadiene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
sec-Butylbenzene	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
tert-Butylbenzene	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
Carbon disulfide	ND	ug/m3	2.0	0.30	EPA-TO-15	ND	A01	1
Carbon tetrachloride	ND	ug/m3	2.0	0.64	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ug/m3	2.0	0.37	EPA-TO-15	ND	A01	1
Chlorodifluoromethane	**2.8**	**ug/m3**	**2.0**	**0.59**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloroethane	ND	ug/m3	2.0	0.39	EPA-TO-15	ND	A01	1
Chloroform	**1.1**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Chloromethane	ND	ug/m3	2.0	0.17	EPA-TO-15	ND	A01	1
Cyclohexane	ND	ug/m3	2.0	0.21	EPA-TO-15	ND	A01	1
p-Cymene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
n-Decane	**9.9**	**ug/m3**	**2.0**	**0.73**	**EPA-TO-15**	**ND**	**A01**	**1**
Dibromochloromethane	ND	ug/m3	4.0	0.92	EPA-TO-15	ND	A01	1
1,2-Dibromoethane	ND	ug/m3	4.0	0.78	EPA-TO-15	ND	A01	1
1,2-Dichlorobenzene	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ug/m3	4.0	0.69	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ug/m3	4.0	0.89	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	**2.6**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
1,1-Dichloroethane	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloroethane	ND	ug/m3	2.0	0.38	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1
cis-1,2-Dichloroethene	**3.4**	**ug/m3**	**2.0**	**0.40**	**EPA-TO-15**	**ND**	**A01**	**1**
trans-1,2-Dichloroethene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-06 | **Client Sample Name:** B-3-15, 9/4/2025 11:26:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ug/m3	4.0	0.56	EPA-TO-15	ND	A01	1
2,2-Dichloro-1,1,1-trifluoroethane	ND	ug/m3	4.0	0.38	EPA-TO-15	ND	A01	1
1,1-Difluoroethane	**2.1**	**ug/m3**	**6.0**	**0.24**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,4-Dioxane	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
Ethanol	**27**	**ug/m3**	**2.0**	**0.41**	**EPA-TO-15**	**ND**	**A01**	**1**
Ethyl acetate	ND	ug/m3	2.0	0.46	EPA-TO-15	ND	A01	1
Ethylbenzene	**1.7**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1-Ethyl-4-methylbenzene	ND	ug/m3	2.0	0.55	EPA-TO-15	ND	A01	1
n-Heptane	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Hexane	ND	ug/m3	2.0	0.31	EPA-TO-15	ND	A01	1
Isopropyl alcohol	**5.2**	**ug/m3**	**4.0**	**0.45**	**EPA-TO-15**	**ND**	**A01**	**1**
Isopropylbenzene	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methyl acetate	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
2-Methylbutane	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methylcyclohexane	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Methylene chloride	**15**	**ug/m3**	**4.0**	**0.83**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl ethyl ketone	**3.8**	**ug/m3**	**2.0**	**0.37**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl isobutyl ketone	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
Methyl methacrylate	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
Methyl t-butyl ether	ND	ug/m3	2.0	0.29	EPA-TO-15	ND	A01	1
n-Nonane	**2.6**	**ug/m3**	**2.0**	**0.51**	**EPA-TO-15**	**ND**	**A01**	**1**
n-Octane	**1.0**	**ug/m3**	**2.0**	**0.70**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Propylbenzene	ND	ug/m3	2.0	0.62	EPA-TO-15	ND	A01	1
Propylene	**4.4**	**ug/m3**	**2.0**	**0.32**	**EPA-TO-15**	**ND**	**A01**	**1**
Styrene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
1,1,2,2-Tetrachloroethane	ND	ug/m3	4.0	0.70	EPA-TO-15	ND	A01	1
Tetrachloroethene	**11**	**ug/m3**	**4.0**	**0.69**	**EPA-TO-15**	**ND**	**A01**	**1**
Tetrahydrofuran	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Toluene	**11**	**ug/m3**	**2.0**	**0.36**	**EPA-TO-15**	**ND**	**A01**	**1**
1,2,4-Trichlorobenzene	ND	ug/m3	8.0	0.95	EPA-TO-15	ND	A01	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-06 | **Client Sample Name:** B-3-15, 9/4/2025 11:26:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
Trichloroethene	**3.9**	**ug/m3**	**2.0**	**0.71**	**EPA-TO-15**	**ND**	**A01**	**1**
Trichlorofluoromethane	**1.2**	**ug/m3**	**2.0**	**0.38**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/m3	4.0	0.74	EPA-TO-15	ND	A01	1
1,2,3-Trimethylbenzene	ND	ug/m3	2.0	0.54	EPA-TO-15	ND	A01	1
1,2,4-Trimethylbenzene	**2.5**	**ug/m3**	**2.0**	**0.65**	**EPA-TO-15**	**ND**	**A01**	**1**
1,3,5-Trimethylbenzene	ND	ug/m3	2.0	0.82	EPA-TO-15	ND	A01	1
Vinyl acetate	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Vinyl chloride	ND	ug/m3	2.0	0.16	EPA-TO-15	ND	A01	1
p- & m-Xylenes	**8.4**	**ug/m3**	**4.0**	**0.76**	**EPA-TO-15**	**ND**	**A01**	**1**
o-Xylene	**3.8**	**ug/m3**	**2.0**	**0.49**	**EPA-TO-15**	**ND**	**A01**	**1**
Total Xylenes	**12**	**ug/m3**	**6.0**	**1.2**	**EPA-TO-15**	**ND**	**A01**	**1**
4-Bromofluorobenzene (Surrogate)	109	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-TO-15	09/16/25 14:13	09/17/25 00:51	BEP	MS-A1	2	B219249	EPA TO-15

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Pace Sample ID: 2515706-06 | **Client Sample Name:** B-3-15, 9/4/2025 11:26:00AM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Carbon dioxide (CO2)	**2.5**	**% by Vol.**	**0.10**	**0.060**	**ASTM-D1946**	**ND**	**Z1**	**1**
Carbon monoxide (CO)	ND	% by Vol.	0.050	0.028	ASTM-D1946	ND	Z1	1
Methane (CH4)	**0.00051**	**% by Vol.**	**0.00020**	**0.00018**	**ASTM-D1946**	**ND**	**Z1**	**1**
Nitrogen (N2)	**78**	**% by Vol.**	**5.0**	**0.25**	**ASTM-D1946**	**ND**	**Z1**	**1**
Oxygen (O2)	**19**	**% by Vol.**	**0.020**	**0.016**	**ASTM-D1946**	**ND**	**Z1**	**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	ASTM-D1946	09/09/25 09:59	09/09/25 20:58	RMK	GC-A1	1	B218923	No Prep

DCN = Data Continuation Number

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Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-07 | **Client Sample Name:** B-4-5, 9/4/2025 12:20:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Acetone	**36**	**ug/m3**	**2.0**	**0.62**	**EPA-TO-15**	**ND**	**A01**	**1**
Acetonitrile	ND	ug/m3	4.0	0.91	EPA-TO-15	ND	A01	1
Allyl chloride	ND	ug/m3	2.0	0.36	EPA-TO-15	ND	A01	1
Benzene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
Benzyl chloride	ND	ug/m3	6.0	0.83	EPA-TO-15	ND	A01	1
Bromodichloromethane	ND	ug/m3	2.0	0.68	EPA-TO-15	ND	A01	1
Bromoform	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Bromomethane	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
1,3-Butadiene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
sec-Butylbenzene	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
tert-Butylbenzene	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
Carbon disulfide	ND	ug/m3	2.0	0.30	EPA-TO-15	ND	A01	1
Carbon tetrachloride	ND	ug/m3	2.0	0.64	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ug/m3	2.0	0.37	EPA-TO-15	ND	A01	1
Chlorodifluoromethane	**2.7**	**ug/m3**	**2.0**	**0.59**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloroethane	ND	ug/m3	2.0	0.39	EPA-TO-15	ND	A01	1
Chloroform	**4.8**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloromethane	ND	ug/m3	2.0	0.17	EPA-TO-15	ND	A01	1
Cyclohexane	ND	ug/m3	2.0	0.21	EPA-TO-15	ND	A01	1
p-Cymene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
n-Decane	**6.6**	**ug/m3**	**2.0**	**0.73**	**EPA-TO-15**	**ND**	**A01**	**1**
Dibromochloromethane	ND	ug/m3	4.0	0.92	EPA-TO-15	ND	A01	1
1,2-Dibromoethane	ND	ug/m3	4.0	0.78	EPA-TO-15	ND	A01	1
1,2-Dichlorobenzene	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ug/m3	4.0	0.69	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ug/m3	4.0	0.89	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	**4.7**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
1,1-Dichloroethane	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloroethane	ND	ug/m3	2.0	0.38	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1
cis-1,2-Dichloroethene	ND	ug/m3	2.0	0.40	EPA-TO-15	ND	A01	1
trans-1,2-Dichloroethene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-07 | **Client Sample Name:** B-4-5, 9/4/2025 12:20:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ug/m3	4.0	0.56	EPA-TO-15	ND	A01	1
2,2-Dichloro-1,1,1-trifluoroethane	ND	ug/m3	4.0	0.38	EPA-TO-15	ND	A01	1
1,1-Difluoroethane	ND	ug/m3	6.0	0.24	EPA-TO-15	ND	A01	1
1,4-Dioxane	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
Ethanol	**90**	**ug/m3**	**2.0**	**0.41**	**EPA-TO-15**	**ND**	**A01**	**1**
Ethyl acetate	**2.8**	**ug/m3**	**2.0**	**0.46**	**EPA-TO-15**	**ND**	**A01**	**1**
Ethylbenzene	**1.1**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1-Ethyl-4-methylbenzene	ND	ug/m3	2.0	0.55	EPA-TO-15	ND	A01	1
n-Heptane	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Hexane	ND	ug/m3	2.0	0.31	EPA-TO-15	ND	A01	1
Isopropyl alcohol	**17**	**ug/m3**	**4.0**	**0.45**	**EPA-TO-15**	**ND**	**A01**	**1**
Isopropylbenzene	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methyl acetate	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
2-Methylbutane	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methylcyclohexane	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Methylene chloride	ND	ug/m3	4.0	0.83	EPA-TO-15	ND	A01	1
Methyl ethyl ketone	**7.7**	**ug/m3**	**2.0**	**0.37**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl isobutyl ketone	**1.7**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Methyl methacrylate	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
Methyl t-butyl ether	ND	ug/m3	2.0	0.29	EPA-TO-15	ND	A01	1
n-Nonane	**1.9**	**ug/m3**	**2.0**	**0.51**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Octane	**1.0**	**ug/m3**	**2.0**	**0.70**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Propylbenzene	ND	ug/m3	2.0	0.62	EPA-TO-15	ND	A01	1
Propylene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Styrene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
1,1,2,2-Tetrachloroethane	ND	ug/m3	4.0	0.70	EPA-TO-15	ND	A01	1
Tetrachloroethene	**1.5**	**ug/m3**	**4.0**	**0.69**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Tetrahydrofuran	**4.1**	**ug/m3**	**2.0**	**0.35**	**EPA-TO-15**	**ND**	**A01**	**1**
Toluene	**10**	**ug/m3**	**2.0**	**0.36**	**EPA-TO-15**	**ND**	**A01**	**1**
1,2,4-Trichlorobenzene	ND	ug/m3	8.0	0.95	EPA-TO-15	ND	A01	1

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Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-07 | **Client Sample Name:** B-4-5, 9/4/2025 12:20:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
Trichloroethene	ND	ug/m3	2.0	0.71	EPA-TO-15	ND	A01	1
Trichlorofluoromethane	**1.5**	**ug/m3**	**2.0**	**0.38**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/m3	4.0	0.74	EPA-TO-15	ND	A01	1
1,2,3-Trimethylbenzene	ND	ug/m3	2.0	0.54	EPA-TO-15	ND	A01	1
1,2,4-Trimethylbenzene	**1.3**	**ug/m3**	**2.0**	**0.65**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,3,5-Trimethylbenzene	ND	ug/m3	2.0	0.82	EPA-TO-15	ND	A01	1
Vinyl acetate	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Vinyl chloride	ND	ug/m3	2.0	0.16	EPA-TO-15	ND	A01	1
p- & m-Xylenes	**4.6**	**ug/m3**	**4.0**	**0.76**	**EPA-TO-15**	**ND**	**A01**	**1**
o-Xylene	**1.8**	**ug/m3**	**2.0**	**0.49**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Total Xylenes	**6.4**	**ug/m3**	**6.0**	**1.2**	**EPA-TO-15**	**ND**	**A01**	**1**
4-Bromofluorobenzene (Surrogate)	108	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-TO-15	09/16/25 14:13	09/17/25 01:29	BEP	MS-A1	2	B219249	EPA TO-15

DCN = Data Continuation Number

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Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Pace Sample ID: 2515706-07 | **Client Sample Name:** B-4-5, 9/4/2025 12:20:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Carbon dioxide (CO2)	**2.4**	**% by Vol.**	**0.10**	**0.060**	**ASTM-D1946**	**ND**	**Z1**	**1**
Carbon monoxide (CO)	ND	% by Vol.	0.050	0.028	ASTM-D1946	ND	Z1	1
Methane (CH4)	**0.0063**	**% by Vol.**	**0.00020**	**0.00018**	**ASTM-D1946**	**ND**	**Z1**	**1**
Nitrogen (N2)	**78**	**% by Vol.**	**5.0**	**0.25**	**ASTM-D1946**	**ND**	**Z1**	**1**
Oxygen (O2)	**20**	**% by Vol.**	**0.020**	**0.016**	**ASTM-D1946**	**ND**	**Z1**	**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	ASTM-D1946	09/09/25 09:59	09/09/25 21:19	RMK	GC-A1	1	B218923	No Prep

DCN = Data Continuation Number

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-08 | **Client Sample Name:** B-4-15, 9/4/2025 12:21:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Acetone	**35**	**ug/m3**	**2.0**	**0.62**	**EPA-TO-15**	**ND**	**A01**	**1**
Acetonitrile	ND	ug/m3	4.0	0.91	EPA-TO-15	ND	A01	1
Allyl chloride	ND	ug/m3	2.0	0.36	EPA-TO-15	ND	A01	1
Benzene	**1.0**	**ug/m3**	**2.0**	**0.33**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Benzyl chloride	ND	ug/m3	6.0	0.83	EPA-TO-15	ND	A01	1
Bromodichloromethane	ND	ug/m3	2.0	0.68	EPA-TO-15	ND	A01	1
Bromoform	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Bromomethane	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
1,3-Butadiene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
sec-Butylbenzene	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
tert-Butylbenzene	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
Carbon disulfide	**7.8**	**ug/m3**	**2.0**	**0.30**	**EPA-TO-15**	**ND**	**A01**	**1**
Carbon tetrachloride	ND	ug/m3	2.0	0.64	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ug/m3	2.0	0.37	EPA-TO-15	ND	A01	1
Chlorodifluoromethane	**3.0**	**ug/m3**	**2.0**	**0.59**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloroethane	ND	ug/m3	2.0	0.39	EPA-TO-15	ND	A01	1
Chloroform	**2.6**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloromethane	ND	ug/m3	2.0	0.17	EPA-TO-15	ND	A01	1
Cyclohexane	ND	ug/m3	2.0	0.21	EPA-TO-15	ND	A01	1
p-Cymene	**11**	**ug/m3**	**2.0**	**0.58**	**EPA-TO-15**	**ND**	**A01**	**1**
n-Decane	**9.8**	**ug/m3**	**2.0**	**0.73**	**EPA-TO-15**	**ND**	**A01**	**1**
Dibromochloromethane	ND	ug/m3	4.0	0.92	EPA-TO-15	ND	A01	1
1,2-Dibromoethane	ND	ug/m3	4.0	0.78	EPA-TO-15	ND	A01	1
1,2-Dichlorobenzene	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ug/m3	4.0	0.69	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ug/m3	4.0	0.89	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	**2.4**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
1,1-Dichloroethane	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloroethane	ND	ug/m3	2.0	0.38	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1
cis-1,2-Dichloroethene	ND	ug/m3	2.0	0.40	EPA-TO-15	ND	A01	1
trans-1,2-Dichloroethene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-08 | **Client Sample Name:** B-4-15, 9/4/2025 12:21:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ug/m3	4.0	0.56	EPA-TO-15	ND	A01	1
2,2-Dichloro-1,1,1-trifluoroethane	ND	ug/m3	4.0	0.38	EPA-TO-15	ND	A01	1
1,1-Difluoroethane	ND	ug/m3	6.0	0.24	EPA-TO-15	ND	A01	1
1,4-Dioxane	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
Ethanol	**81**	**ug/m3**	**2.0**	**0.41**	**EPA-TO-15**	**ND**	**A01**	**1**
Ethyl acetate	ND	ug/m3	2.0	0.46	EPA-TO-15	ND	A01	1
Ethylbenzene	**2.5**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**A01**	**1**
1-Ethyl-4-methylbenzene	ND	ug/m3	2.0	0.55	EPA-TO-15	ND	A01	1
n-Heptane	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Hexane	ND	ug/m3	2.0	0.31	EPA-TO-15	ND	A01	1
Isopropyl alcohol	**7.0**	**ug/m3**	**4.0**	**0.45**	**EPA-TO-15**	**ND**	**A01**	**1**
Isopropylbenzene	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methyl acetate	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
2-Methylbutane	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methylcyclohexane	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Methylene chloride	ND	ug/m3	4.0	0.83	EPA-TO-15	ND	A01	1
Methyl ethyl ketone	**16**	**ug/m3**	**2.0**	**0.37**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl isobutyl ketone	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
Methyl methacrylate	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
Methyl t-butyl ether	ND	ug/m3	2.0	0.29	EPA-TO-15	ND	A01	1
n-Nonane	**2.4**	**ug/m3**	**2.0**	**0.51**	**EPA-TO-15**	**ND**	**A01**	**1**
n-Octane	**1.2**	**ug/m3**	**2.0**	**0.70**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Propylbenzene	ND	ug/m3	2.0	0.62	EPA-TO-15	ND	A01	1
Propylene	**3.5**	**ug/m3**	**2.0**	**0.32**	**EPA-TO-15**	**ND**	**A01**	**1**
Styrene	**0.94**	**ug/m3**	**2.0**	**0.58**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2,2-Tetrachloroethane	ND	ug/m3	4.0	0.70	EPA-TO-15	ND	A01	1
Tetrachloroethene	**1.9**	**ug/m3**	**4.0**	**0.69**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Tetrahydrofuran	**1.1**	**ug/m3**	**2.0**	**0.35**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Toluene	**18**	**ug/m3**	**2.0**	**0.36**	**EPA-TO-15**	**ND**	**A01**	**1**
1,2,4-Trichlorobenzene	ND	ug/m3	8.0	0.95	EPA-TO-15	ND	A01	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-08 | **Client Sample Name:** B-4-15, 9/4/2025 12:21:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
Trichloroethene	ND	ug/m3	2.0	0.71	EPA-TO-15	ND	A01	1
Trichlorofluoromethane	**1.2**	**ug/m3**	**2.0**	**0.38**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/m3	4.0	0.74	EPA-TO-15	ND	A01	1
1,2,3-Trimethylbenzene	ND	ug/m3	2.0	0.54	EPA-TO-15	ND	A01	1
1,2,4-Trimethylbenzene	**2.9**	**ug/m3**	**2.0**	**0.65**	**EPA-TO-15**	**ND**	**A01**	**1**
1,3,5-Trimethylbenzene	ND	ug/m3	2.0	0.82	EPA-TO-15	ND	A01	1
Vinyl acetate	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Vinyl chloride	ND	ug/m3	2.0	0.16	EPA-TO-15	ND	A01	1
p- & m-Xylenes	**8.6**	**ug/m3**	**4.0**	**0.76**	**EPA-TO-15**	**ND**	**A01**	**1**
o-Xylene	**3.0**	**ug/m3**	**2.0**	**0.49**	**EPA-TO-15**	**ND**	**A01**	**1**
Total Xylenes	**12**	**ug/m3**	**6.0**	**1.2**	**EPA-TO-15**	**ND**	**A01**	**1**
4-Bromofluorobenzene (Surrogate)	109	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-TO-15	09/16/25 14:13	09/17/25 02:05	BEP	MS-A1	2	B219249	EPA TO-15

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Pace Sample ID: 2515706-08 | **Client Sample Name:** B-4-15, 9/4/2025 12:21:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Carbon dioxide (CO2)	**3.4**	**% by Vol.**	**0.10**	**0.060**	**ASTM-D1946**	**ND**	**Z1**	**1**
Carbon monoxide (CO)	ND	% by Vol.	0.050	0.028	ASTM-D1946	ND	Z1	1
Methane (CH4)	**0.0081**	**% by Vol.**	**0.00020**	**0.00018**	**ASTM-D1946**	**ND**	**Z1**	**1**
Nitrogen (N2)	**78**	**% by Vol.**	**5.0**	**0.25**	**ASTM-D1946**	**ND**	**Z1**	**1**
Oxygen (O2)	**19**	**% by Vol.**	**0.020**	**0.016**	**ASTM-D1946**	**ND**	**Z1**	**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	ASTM-D1946	09/09/25 09:59	09/09/25 22:22	RMK	GC-A1	1	B218923	No Prep

DCN = Data Continuation Number

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-09 | **Client Sample Name:** B-5-5, 9/4/2025 2:03:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Acetone	**24**	**ug/m3**	**2.0**	**0.62**	**EPA-TO-15**	**ND**	**A01**	**1**
Acetonitrile	ND	ug/m3	4.0	0.91	EPA-TO-15	ND	A01	1
Allyl chloride	ND	ug/m3	2.0	0.36	EPA-TO-15	ND	A01	1
Benzene	**0.70**	**ug/m3**	**2.0**	**0.33**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Benzyl chloride	ND	ug/m3	6.0	0.83	EPA-TO-15	ND	A01	1
Bromodichloromethane	ND	ug/m3	2.0	0.68	EPA-TO-15	ND	A01	1
Bromoform	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Bromomethane	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
1,3-Butadiene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
sec-Butylbenzene	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
tert-Butylbenzene	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
Carbon disulfide	ND	ug/m3	2.0	0.30	EPA-TO-15	ND	A01	1
Carbon tetrachloride	ND	ug/m3	2.0	0.64	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ug/m3	2.0	0.37	EPA-TO-15	ND	A01	1
Chlorodifluoromethane	**2.5**	**ug/m3**	**2.0**	**0.59**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloroethane	ND	ug/m3	2.0	0.39	EPA-TO-15	ND	A01	1
Chloroform	**1.9**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Chloromethane	ND	ug/m3	2.0	0.17	EPA-TO-15	ND	A01	1
Cyclohexane	ND	ug/m3	2.0	0.21	EPA-TO-15	ND	A01	1
p-Cymene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
n-Decane	**8.8**	**ug/m3**	**2.0**	**0.73**	**EPA-TO-15**	**ND**	**A01**	**1**
Dibromochloromethane	ND	ug/m3	4.0	0.92	EPA-TO-15	ND	A01	1
1,2-Dibromoethane	ND	ug/m3	4.0	0.78	EPA-TO-15	ND	A01	1
1,2-Dichlorobenzene	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ug/m3	4.0	0.69	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ug/m3	4.0	0.89	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	**2.2**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
1,1-Dichloroethane	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloroethane	ND	ug/m3	2.0	0.38	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1
cis-1,2-Dichloroethene	ND	ug/m3	2.0	0.40	EPA-TO-15	ND	A01	1
trans-1,2-Dichloroethene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1

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2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-09 | **Client Sample Name:** B-5-5, 9/4/2025 2:03:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ug/m3	4.0	0.56	EPA-TO-15	ND	A01	1
2,2-Dichloro-1,1,1-trifluoroethane	ND	ug/m3	4.0	0.38	EPA-TO-15	ND	A01	1
1,1-Difluoroethane	ND	ug/m3	6.0	0.24	EPA-TO-15	ND	A01	1
1,4-Dioxane	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
Ethanol	**31**	**ug/m3**	**2.0**	**0.41**	**EPA-TO-15**	**ND**	**A01**	**1**
Ethyl acetate	ND	ug/m3	2.0	0.46	EPA-TO-15	ND	A01	1
Ethylbenzene	**1.7**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1-Ethyl-4-methylbenzene	**1.2**	**ug/m3**	**2.0**	**0.55**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Heptane	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Hexane	ND	ug/m3	2.0	0.31	EPA-TO-15	ND	A01	1
Isopropyl alcohol	**5.3**	**ug/m3**	**4.0**	**0.45**	**EPA-TO-15**	**ND**	**A01**	**1**
Isopropylbenzene	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methyl acetate	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
2-Methylbutane	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methylcyclohexane	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Methylene chloride	ND	ug/m3	4.0	0.83	EPA-TO-15	ND	A01	1
Methyl ethyl ketone	**5.0**	**ug/m3**	**2.0**	**0.37**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl isobutyl ketone	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
Methyl methacrylate	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
Methyl t-butyl ether	ND	ug/m3	2.0	0.29	EPA-TO-15	ND	A01	1
n-Nonane	**2.6**	**ug/m3**	**2.0**	**0.51**	**EPA-TO-15**	**ND**	**A01**	**1**
n-Octane	**1.3**	**ug/m3**	**2.0**	**0.70**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Propylbenzene	ND	ug/m3	2.0	0.62	EPA-TO-15	ND	A01	1
Propylene	**1.1**	**ug/m3**	**2.0**	**0.32**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Styrene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
1,1,2,2-Tetrachloroethane	ND	ug/m3	4.0	0.70	EPA-TO-15	ND	A01	1
Tetrachloroethene	**9.1**	**ug/m3**	**4.0**	**0.69**	**EPA-TO-15**	**ND**	**A01**	**1**
Tetrahydrofuran	**2.7**	**ug/m3**	**2.0**	**0.35**	**EPA-TO-15**	**ND**	**A01**	**1**
Toluene	**13**	**ug/m3**	**2.0**	**0.36**	**EPA-TO-15**	**ND**	**A01**	**1**
1,2,4-Trichlorobenzene	ND	ug/m3	8.0	0.95	EPA-TO-15	ND	A01	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-09 | **Client Sample Name:** B-5-5, 9/4/2025 2:03:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
Trichloroethene	ND	ug/m3	2.0	0.71	EPA-TO-15	ND	A01	1
Trichlorofluoromethane	**1.3**	**ug/m3**	**2.0**	**0.38**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/m3	4.0	0.74	EPA-TO-15	ND	A01	1
1,2,3-Trimethylbenzene	ND	ug/m3	2.0	0.54	EPA-TO-15	ND	A01	1
1,2,4-Trimethylbenzene	**2.7**	**ug/m3**	**2.0**	**0.65**	**EPA-TO-15**	**ND**	**A01**	**1**
1,3,5-Trimethylbenzene	ND	ug/m3	2.0	0.82	EPA-TO-15	ND	A01	1
Vinyl acetate	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Vinyl chloride	ND	ug/m3	2.0	0.16	EPA-TO-15	ND	A01	1
p- & m-Xylenes	**8.7**	**ug/m3**	**4.0**	**0.76**	**EPA-TO-15**	**ND**	**A01**	**1**
o-Xylene	**2.8**	**ug/m3**	**2.0**	**0.49**	**EPA-TO-15**	**ND**	**A01**	**1**
Total Xylenes	**11**	**ug/m3**	**6.0**	**1.2**	**EPA-TO-15**	**ND**	**A01**	**1**
4-Bromofluorobenzene (Surrogate)	108	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-TO-15	09/16/25 14:13	09/17/25 02:42	BEP	MS-A1	2	B219249	EPA TO-15

DCN = Data Continuation Number

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Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Pace Sample ID: 2515706-09 | **Client Sample Name:** B-5-5, 9/4/2025 2:03:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Carbon dioxide (CO2)	**7.1**	**% by Vol.**	**0.10**	**0.060**	**ASTM-D1946**	**ND**	**Z1**	**1**
Carbon monoxide (CO)	ND	% by Vol.	0.050	0.028	ASTM-D1946	ND	Z1	1
Methane (CH4)	**0.0013**	**% by Vol.**	**0.00020**	**0.00018**	**ASTM-D1946**	**ND**	**Z1**	**1**
Nitrogen (N2)	**77**	**% by Vol.**	**5.0**	**0.25**	**ASTM-D1946**	**ND**	**Z1**	**1**
Oxygen (O2)	**16**	**% by Vol.**	**0.020**	**0.016**	**ASTM-D1946**	**ND**	**Z1**	**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	ASTM-D1946	09/09/25 09:59	09/09/25 22:43	RMK	GC-A1	1	B218923	No Prep

DCN = Data Continuation Number

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Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-10 | **Client Sample Name:** B-5-15, 9/4/2025 1:56:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Acetone	**22**	**ug/m3**	**2.0**	**0.62**	**EPA-TO-15**	**ND**	**A01**	**1**
Acetonitrile	ND	ug/m3	4.0	0.91	EPA-TO-15	ND	A01	1
Allyl chloride	ND	ug/m3	2.0	0.36	EPA-TO-15	ND	A01	1
Benzene	**2.9**	**ug/m3**	**2.0**	**0.33**	**EPA-TO-15**	**ND**	**A01**	**1**
Benzyl chloride	ND	ug/m3	6.0	0.83	EPA-TO-15	ND	A01	1
Bromodichloromethane	ND	ug/m3	2.0	0.68	EPA-TO-15	ND	A01	1
Bromoform	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Bromomethane	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
1,3-Butadiene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
sec-Butylbenzene	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
tert-Butylbenzene	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
Carbon disulfide	ND	ug/m3	2.0	0.30	EPA-TO-15	ND	A01	1
Carbon tetrachloride	ND	ug/m3	2.0	0.64	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ug/m3	2.0	0.37	EPA-TO-15	ND	A01	1
Chlorodifluoromethane	**3.0**	**ug/m3**	**2.0**	**0.59**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloroethane	ND	ug/m3	2.0	0.39	EPA-TO-15	ND	A01	1
Chloroform	ND	ug/m3	2.0	0.44	EPA-TO-15	ND	A01	1
Chloromethane	ND	ug/m3	2.0	0.17	EPA-TO-15	ND	A01	1
Cyclohexane	ND	ug/m3	2.0	0.21	EPA-TO-15	ND	A01	1
p-Cymene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
n-Decane	ND	ug/m3	2.0	0.73	EPA-TO-15	ND	A01	1
Dibromochloromethane	ND	ug/m3	4.0	0.92	EPA-TO-15	ND	A01	1
1,2-Dibromoethane	ND	ug/m3	4.0	0.78	EPA-TO-15	ND	A01	1
1,2-Dichlorobenzene	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ug/m3	4.0	0.69	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ug/m3	4.0	0.89	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	**2.4**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
1,1-Dichloroethane	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloroethane	ND	ug/m3	2.0	0.38	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1
cis-1,2-Dichloroethene	ND	ug/m3	2.0	0.40	EPA-TO-15	ND	A01	1
trans-1,2-Dichloroethene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1

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Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-10 | **Client Sample Name:** B-5-15, 9/4/2025 1:56:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ug/m3	4.0	0.56	EPA-TO-15	ND	A01	1
2,2-Dichloro-1,1,1-trifluoroethane	ND	ug/m3	4.0	0.38	EPA-TO-15	ND	A01	1
1,1-Difluoroethane	**2.6**	**ug/m3**	**6.0**	**0.24**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,4-Dioxane	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
Ethanol	**57**	**ug/m3**	**2.0**	**0.41**	**EPA-TO-15**	**ND**	**A01**	**1**
Ethyl acetate	ND	ug/m3	2.0	0.46	EPA-TO-15	ND	A01	1
Ethylbenzene	**3.0**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**A01**	**1**
1-Ethyl-4-methylbenzene	**2.6**	**ug/m3**	**2.0**	**0.55**	**EPA-TO-15**	**ND**	**A01**	**1**
n-Heptane	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Hexane	ND	ug/m3	2.0	0.31	EPA-TO-15	ND	A01	1
Isopropyl alcohol	**15**	**ug/m3**	**4.0**	**0.45**	**EPA-TO-15**	**ND**	**A01**	**1**
Isopropylbenzene	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methyl acetate	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
2-Methylbutane	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methylcyclohexane	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Methylene chloride	ND	ug/m3	4.0	0.83	EPA-TO-15	ND	A01	1
Methyl ethyl ketone	**4.5**	**ug/m3**	**2.0**	**0.37**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl isobutyl ketone	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
Methyl methacrylate	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
Methyl t-butyl ether	ND	ug/m3	2.0	0.29	EPA-TO-15	ND	A01	1
n-Nonane	**1.4**	**ug/m3**	**2.0**	**0.51**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Octane	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
n-Propylbenzene	ND	ug/m3	2.0	0.62	EPA-TO-15	ND	A01	1
Propylene	**1.8**	**ug/m3**	**2.0**	**0.32**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Styrene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
1,1,2,2-Tetrachloroethane	ND	ug/m3	4.0	0.70	EPA-TO-15	ND	A01	1
Tetrachloroethene	**4.6**	**ug/m3**	**4.0**	**0.69**	**EPA-TO-15**	**ND**	**A01**	**1**
Tetrahydrofuran	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Toluene	**16**	**ug/m3**	**2.0**	**0.36**	**EPA-TO-15**	**ND**	**A01**	**1**
1,2,4-Trichlorobenzene	ND	ug/m3	8.0	0.95	EPA-TO-15	ND	A01	1

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Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-10 | **Client Sample Name:** B-5-15, 9/4/2025 1:56:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
Trichloroethene	ND	ug/m3	2.0	0.71	EPA-TO-15	ND	A01	1
Trichlorofluoromethane	**1.3**	**ug/m3**	**2.0**	**0.38**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/m3	4.0	0.74	EPA-TO-15	ND	A01	1
1,2,3-Trimethylbenzene	**1.6**	**ug/m3**	**2.0**	**0.54**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,2,4-Trimethylbenzene	**6.6**	**ug/m3**	**2.0**	**0.65**	**EPA-TO-15**	**ND**	**A01**	**1**
1,3,5-Trimethylbenzene	**1.5**	**ug/m3**	**2.0**	**0.82**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Vinyl acetate	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Vinyl chloride	ND	ug/m3	2.0	0.16	EPA-TO-15	ND	A01	1
p- & m-Xylenes	**13**	**ug/m3**	**4.0**	**0.76**	**EPA-TO-15**	**ND**	**A01**	**1**
o-Xylene	**4.6**	**ug/m3**	**2.0**	**0.49**	**EPA-TO-15**	**ND**	**A01**	**1**
Total Xylenes	**17**	**ug/m3**	**6.0**	**1.2**	**EPA-TO-15**	**ND**	**A01**	**1**
4-Bromofluorobenzene (Surrogate)	105	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-TO-15	09/16/25 14:13	09/17/25 03:19	BEP	MS-A1	2	B219249	EPA TO-15

DCN = Data Continuation Number

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Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Pace Sample ID: 2515706-10 | **Client Sample Name:** B-5-15, 9/4/2025 1:56:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Carbon dioxide (CO2)	**5.4**	**% by Vol.**	**0.10**	**0.060**	**ASTM-D1946**	**ND**	**Z1**	**1**
Carbon monoxide (CO)	ND	% by Vol.	0.050	0.028	ASTM-D1946	ND	Z1	1
Methane (CH4)	**0.00099**	**% by Vol.**	**0.00020**	**0.00018**	**ASTM-D1946**	**ND**	**Z1**	**1**
Nitrogen (N2)	**79**	**% by Vol.**	**5.0**	**0.25**	**ASTM-D1946**	**ND**	**Z1**	**1**
Oxygen (O2)	**15**	**% by Vol.**	**0.020**	**0.016**	**ASTM-D1946**	**ND**	**Z1**	**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	ASTM-D1946	09/09/25 09:59	09/09/25 23:04	RMK	GC-A1	1	B218923	No Prep

DCN = Data Continuation Number

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Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-11 | **Client Sample Name:** B-6-5, 9/4/2025 1:18:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Acetone	**39**	**ug/m3**	**2.0**	**0.62**	**EPA-TO-15**	**ND**	**A01**	**1**
Acetonitrile	ND	ug/m3	4.0	0.91	EPA-TO-15	ND	A01	1
Allyl chloride	ND	ug/m3	2.0	0.36	EPA-TO-15	ND	A01	1
Benzene	**1.7**	**ug/m3**	**2.0**	**0.33**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Benzyl chloride	ND	ug/m3	6.0	0.83	EPA-TO-15	ND	A01	1
Bromodichloromethane	ND	ug/m3	2.0	0.68	EPA-TO-15	ND	A01	1
Bromoform	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Bromomethane	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
1,3-Butadiene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
sec-Butylbenzene	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
tert-Butylbenzene	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
Carbon disulfide	ND	ug/m3	2.0	0.30	EPA-TO-15	ND	A01	1
Carbon tetrachloride	ND	ug/m3	2.0	0.64	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ug/m3	2.0	0.37	EPA-TO-15	ND	A01	1
Chlorodifluoromethane	**2.1**	**ug/m3**	**2.0**	**0.59**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloroethane	ND	ug/m3	2.0	0.39	EPA-TO-15	ND	A01	1
Chloroform	**7.1**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloromethane	ND	ug/m3	2.0	0.17	EPA-TO-15	ND	A01	1
Cyclohexane	ND	ug/m3	2.0	0.21	EPA-TO-15	ND	A01	1
p-Cymene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
n-Decane	**4.7**	**ug/m3**	**2.0**	**0.73**	**EPA-TO-15**	**ND**	**A01**	**1**
Dibromochloromethane	ND	ug/m3	4.0	0.92	EPA-TO-15	ND	A01	1
1,2-Dibromoethane	ND	ug/m3	4.0	0.78	EPA-TO-15	ND	A01	1
1,2-Dichlorobenzene	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ug/m3	4.0	0.69	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ug/m3	4.0	0.89	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	**2.2**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
1,1-Dichloroethane	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloroethane	ND	ug/m3	2.0	0.38	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1
cis-1,2-Dichloroethene	ND	ug/m3	2.0	0.40	EPA-TO-15	ND	A01	1
trans-1,2-Dichloroethene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1

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Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-11 | **Client Sample Name:** B-6-5, 9/4/2025 1:18:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ug/m3	4.0	0.56	EPA-TO-15	ND	A01	1
2,2-Dichloro-1,1,1-trifluoroethane	ND	ug/m3	4.0	0.38	EPA-TO-15	ND	A01	1
1,1-Difluoroethane	ND	ug/m3	6.0	0.24	EPA-TO-15	ND	A01	1
1,4-Dioxane	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
Ethanol	**55**	**ug/m3**	**2.0**	**0.41**	**EPA-TO-15**	**ND**	**A01**	**1**
Ethyl acetate	ND	ug/m3	2.0	0.46	EPA-TO-15	ND	A01	1
Ethylbenzene	**1.6**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1-Ethyl-4-methylbenzene	**1.3**	**ug/m3**	**2.0**	**0.55**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Heptane	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Hexane	ND	ug/m3	2.0	0.31	EPA-TO-15	ND	A01	1
Isopropyl alcohol	**16**	**ug/m3**	**4.0**	**0.45**	**EPA-TO-15**	**ND**	**A01**	**1**
Isopropylbenzene	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methyl acetate	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
2-Methylbutane	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methylcyclohexane	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Methylene chloride	ND	ug/m3	4.0	0.83	EPA-TO-15	ND	A01	1
Methyl ethyl ketone	**7.2**	**ug/m3**	**2.0**	**0.37**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl isobutyl ketone	**1.6**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Methyl methacrylate	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
Methyl t-butyl ether	ND	ug/m3	2.0	0.29	EPA-TO-15	ND	A01	1
n-Nonane	**1.3**	**ug/m3**	**2.0**	**0.51**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Octane	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
n-Propylbenzene	ND	ug/m3	2.0	0.62	EPA-TO-15	ND	A01	1
Propylene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Styrene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
1,1,2,2-Tetrachloroethane	ND	ug/m3	4.0	0.70	EPA-TO-15	ND	A01	1
Tetrachloroethene	**2.3**	**ug/m3**	**4.0**	**0.69**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Tetrahydrofuran	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Toluene	**11**	**ug/m3**	**2.0**	**0.36**	**EPA-TO-15**	**ND**	**A01**	**1**
1,2,4-Trichlorobenzene	ND	ug/m3	8.0	0.95	EPA-TO-15	ND	A01	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-11 | **Client Sample Name:** B-6-5, 9/4/2025 1:18:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
Trichloroethene	ND	ug/m3	2.0	0.71	EPA-TO-15	ND	A01	1
Trichlorofluoromethane	**1.3**	**ug/m3**	**2.0**	**0.38**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/m3	4.0	0.74	EPA-TO-15	ND	A01	1
1,2,3-Trimethylbenzene	ND	ug/m3	2.0	0.54	EPA-TO-15	ND	A01	1
1,2,4-Trimethylbenzene	**3.2**	**ug/m3**	**2.0**	**0.65**	**EPA-TO-15**	**ND**	**A01**	**1**
1,3,5-Trimethylbenzene	ND	ug/m3	2.0	0.82	EPA-TO-15	ND	A01	1
Vinyl acetate	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Vinyl chloride	ND	ug/m3	2.0	0.16	EPA-TO-15	ND	A01	1
p- & m-Xylenes	**6.4**	**ug/m3**	**4.0**	**0.76**	**EPA-TO-15**	**ND**	**A01**	**1**
o-Xylene	**2.5**	**ug/m3**	**2.0**	**0.49**	**EPA-TO-15**	**ND**	**A01**	**1**
Total Xylenes	**8.9**	**ug/m3**	**6.0**	**1.2**	**EPA-TO-15**	**ND**	**A01**	**1**
4-Bromofluorobenzene (Surrogate)	107	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-TO-15	09/16/25 14:13	09/17/25 09:41	BEP	MS-A1	2	B219249	EPA TO-15

DCN = Data Continuation Number

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Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Pace Sample ID: 2515706-11 | **Client Sample Name:** B-6-5, 9/4/2025 1:18:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Carbon dioxide (CO2)	**6.5**	**% by Vol.**	**0.10**	**0.060**	**ASTM-D1946**	**ND**	**Z1**	**1**
Carbon monoxide (CO)	ND	% by Vol.	0.050	0.028	ASTM-D1946	ND	Z1	1
Methane (CH4)	**0.00056**	**% by Vol.**	**0.00020**	**0.00018**	**ASTM-D1946**	**ND**	**Z1**	**1**
Nitrogen (N2)	**77**	**% by Vol.**	**5.0**	**0.25**	**ASTM-D1946**	**ND**	**Z1**	**1**
Oxygen (O2)	**16**	**% by Vol.**	**0.020**	**0.016**	**ASTM-D1946**	**ND**	**Z1**	**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	ASTM-D1946	09/09/25 10:01	09/10/25 00:28	RMK	GC-A1	1	B218924	No Prep

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Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-12 | **Client Sample Name:** B-6-15, 9/4/2025 1:19:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Acetone	**26**	**ug/m3**	**2.0**	**0.62**	**EPA-TO-15**	**ND**	**A01**	**1**
Acetonitrile	ND	ug/m3	4.0	0.91	EPA-TO-15	ND	A01	1
Allyl chloride	ND	ug/m3	2.0	0.36	EPA-TO-15	ND	A01	1
Benzene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
Benzyl chloride	ND	ug/m3	6.0	0.83	EPA-TO-15	ND	A01	1
Bromodichloromethane	ND	ug/m3	2.0	0.68	EPA-TO-15	ND	A01	1
Bromoform	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Bromomethane	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
1,3-Butadiene	ND	ug/m3	2.0	0.33	EPA-TO-15	ND	A01	1
sec-Butylbenzene	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
tert-Butylbenzene	ND	ug/m3	2.0	0.70	EPA-TO-15	ND	A01	1
Carbon disulfide	**1.3**	**ug/m3**	**2.0**	**0.30**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Carbon tetrachloride	ND	ug/m3	2.0	0.64	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ug/m3	2.0	0.37	EPA-TO-15	ND	A01	1
Chlorodifluoromethane	**4.5**	**ug/m3**	**2.0**	**0.59**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloroethane	ND	ug/m3	2.0	0.39	EPA-TO-15	ND	A01	1
Chloroform	**2.3**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**A01**	**1**
Chloromethane	ND	ug/m3	2.0	0.17	EPA-TO-15	ND	A01	1
Cyclohexane	ND	ug/m3	2.0	0.21	EPA-TO-15	ND	A01	1
p-Cymene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
n-Decane	**8.3**	**ug/m3**	**2.0**	**0.73**	**EPA-TO-15**	**ND**	**A01**	**1**
Dibromochloromethane	ND	ug/m3	4.0	0.92	EPA-TO-15	ND	A01	1
1,2-Dibromoethane	ND	ug/m3	4.0	0.78	EPA-TO-15	ND	A01	1
1,2-Dichlorobenzene	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ug/m3	4.0	0.69	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ug/m3	4.0	0.89	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	**2.3**	**ug/m3**	**2.0**	**0.47**	**EPA-TO-15**	**ND**	**A01**	**1**
1,1-Dichloroethane	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloroethane	ND	ug/m3	2.0	0.38	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1
cis-1,2-Dichloroethene	ND	ug/m3	2.0	0.40	EPA-TO-15	ND	A01	1
trans-1,2-Dichloroethene	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ug/m3	2.0	0.34	EPA-TO-15	ND	A01	1

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Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-12 | **Client Sample Name:** B-6-15, 9/4/2025 1:19:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ug/m3	4.0	0.56	EPA-TO-15	ND	A01	1
2,2-Dichloro-1,1,1-trifluoroethane	ND	ug/m3	4.0	0.38	EPA-TO-15	ND	A01	1
1,1-Difluoroethane	ND	ug/m3	6.0	0.24	EPA-TO-15	ND	A01	1
1,4-Dioxane	ND	ug/m3	4.0	0.71	EPA-TO-15	ND	A01	1
Ethanol	**28**	**ug/m3**	**2.0**	**0.41**	**EPA-TO-15**	**ND**	**A01**	**1**
Ethyl acetate	ND	ug/m3	2.0	0.46	EPA-TO-15	ND	A01	1
Ethylbenzene	**1.1**	**ug/m3**	**2.0**	**0.44**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1-Ethyl-4-methylbenzene	ND	ug/m3	2.0	0.55	EPA-TO-15	ND	A01	1
n-Heptane	ND	ug/m3	2.0	0.59	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ug/m3	4.0	1.3	EPA-TO-15	ND	A01	1
Hexane	ND	ug/m3	2.0	0.31	EPA-TO-15	ND	A01	1
Isopropyl alcohol	**9.9**	**ug/m3**	**4.0**	**0.45**	**EPA-TO-15**	**ND**	**A01**	**1**
Isopropylbenzene	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methyl acetate	ND	ug/m3	2.0	0.41	EPA-TO-15	ND	A01	1
2-Methylbutane	ND	ug/m3	2.0	0.50	EPA-TO-15	ND	A01	1
Methylcyclohexane	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Methylene chloride	ND	ug/m3	4.0	0.83	EPA-TO-15	ND	A01	1
Methyl ethyl ketone	**4.6**	**ug/m3**	**2.0**	**0.37**	**EPA-TO-15**	**ND**	**A01**	**1**
Methyl isobutyl ketone	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
Methyl methacrylate	ND	ug/m3	2.0	0.60	EPA-TO-15	ND	A01	1
Methyl t-butyl ether	ND	ug/m3	2.0	0.29	EPA-TO-15	ND	A01	1
n-Nonane	**2.5**	**ug/m3**	**2.0**	**0.51**	**EPA-TO-15**	**ND**	**A01**	**1**
n-Octane	**1.5**	**ug/m3**	**2.0**	**0.70**	**EPA-TO-15**	**ND**	**J,A01**	**1**
n-Propylbenzene	ND	ug/m3	2.0	0.62	EPA-TO-15	ND	A01	1
Propylene	**2.9**	**ug/m3**	**2.0**	**0.32**	**EPA-TO-15**	**ND**	**A01**	**1**
Styrene	ND	ug/m3	2.0	0.58	EPA-TO-15	ND	A01	1
1,1,2,2-Tetrachloroethane	ND	ug/m3	4.0	0.70	EPA-TO-15	ND	A01	1
Tetrachloroethene	**2.2**	**ug/m3**	**4.0**	**0.69**	**EPA-TO-15**	**ND**	**J,A01**	**1**
Tetrahydrofuran	ND	ug/m3	2.0	0.35	EPA-TO-15	ND	A01	1
Toluene	**9.9**	**ug/m3**	**2.0**	**0.36**	**EPA-TO-15**	**ND**	**A01**	**1**
1,2,4-Trichlorobenzene	ND	ug/m3	8.0	0.95	EPA-TO-15	ND	A01	1

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Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Pace Sample ID: 2515706-12 | **Client Sample Name:** B-6-15, 9/4/2025 1:19:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.47	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ug/m3	2.0	0.51	EPA-TO-15	ND	A01	1
Trichloroethene	ND	ug/m3	2.0	0.71	EPA-TO-15	ND	A01	1
Trichlorofluoromethane	**1.3**	**ug/m3**	**2.0**	**0.38**	**EPA-TO-15**	**ND**	**J,A01**	**1**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/m3	4.0	0.74	EPA-TO-15	ND	A01	1
1,2,3-Trimethylbenzene	ND	ug/m3	2.0	0.54	EPA-TO-15	ND	A01	1
1,2,4-Trimethylbenzene	**2.1**	**ug/m3**	**2.0**	**0.65**	**EPA-TO-15**	**ND**	**A01**	**1**
1,3,5-Trimethylbenzene	ND	ug/m3	2.0	0.82	EPA-TO-15	ND	A01	1
Vinyl acetate	ND	ug/m3	2.0	0.32	EPA-TO-15	ND	A01	1
Vinyl chloride	ND	ug/m3	2.0	0.16	EPA-TO-15	ND	A01	1
p- & m-Xylenes	**6.0**	**ug/m3**	**4.0**	**0.76**	**EPA-TO-15**	**ND**	**A01**	**1**
o-Xylene	**2.1**	**ug/m3**	**2.0**	**0.49**	**EPA-TO-15**	**ND**	**A01**	**1**
Total Xylenes	**8.1**	**ug/m3**	**6.0**	**1.2**	**EPA-TO-15**	**ND**	**A01**	**1**
4-Bromofluorobenzene (Surrogate)	105	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-TO-15	09/16/25 14:13	09/17/25 10:18	BEP	MS-A1	2	B219249	EPA TO-15

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Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Pace Sample ID: 2515706-12 | **Client Sample Name:** B-6-15, 9/4/2025 1:19:00PM, Zev Fellenbaum

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Carbon dioxide (CO2)	**5.8**	**% by Vol.**	**0.10**	**0.060**	**ASTM-D1946**	**ND**	**Z1**	**1**
Carbon monoxide (CO)	ND	% by Vol.	0.050	0.028	ASTM-D1946	ND	Z1	1
Methane (CH4)	**0.0098**	**% by Vol.**	**0.00020**	**0.00018**	**ASTM-D1946**	**ND**	**Z1**	**1**
Nitrogen (N2)	**78**	**% by Vol.**	**5.0**	**0.25**	**ASTM-D1946**	**ND**	**Z1**	**1**
Oxygen (O2)	**16**	**% by Vol.**	**0.020**	**0.016**	**ASTM-D1946**	**ND**	**Z1**	**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	ASTM-D1946	09/09/25 10:01	09/10/25 09:16	RMK	GC-A1	1	B218924	No Prep

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Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B219249							
Acetone	B219249-BLK1	ND	ug/m3	1.0	0.31		1
Acetonitrile	B219249-BLK1	ND	ug/m3	2.0	0.45		1
Allyl chloride	B219249-BLK1	ND	ug/m3	1.0	0.18		1
Benzene	B219249-BLK1	ND	ug/m3	1.0	0.16		1
Benzyl chloride	B219249-BLK1	ND	ug/m3	3.0	0.41		1
Bromodichloromethane	B219249-BLK1	ND	ug/m3	1.0	0.34		1
Bromoform	B219249-BLK1	ND	ug/m3	2.0	0.65		1
Bromomethane	B219249-BLK1	ND	ug/m3	1.0	0.21		1
1,3-Butadiene	B219249-BLK1	ND	ug/m3	1.0	0.17		1
sec-Butylbenzene	B219249-BLK1	ND	ug/m3	1.0	0.30		1
tert-Butylbenzene	B219249-BLK1	ND	ug/m3	1.0	0.35		1
Carbon disulfide	B219249-BLK1	ND	ug/m3	1.0	0.15		1
Carbon tetrachloride	B219249-BLK1	ND	ug/m3	1.0	0.32		1
Chlorobenzene	B219249-BLK1	ND	ug/m3	1.0	0.18		1
Chlorodifluoromethane	B219249-BLK1	ND	ug/m3	1.0	0.30		1
Chloroethane	B219249-BLK1	ND	ug/m3	1.0	0.19		1
Chloroform	B219249-BLK1	ND	ug/m3	1.0	0.22		1
Chloromethane	B219249-BLK1	ND	ug/m3	1.0	0.083		1
Cyclohexane	B219249-BLK1	ND	ug/m3	1.0	0.10		1
p-Cymene	B219249-BLK1	ND	ug/m3	1.0	0.29		1
n-Decane	B219249-BLK1	ND	ug/m3	1.0	0.37		1
Dibromochloromethane	B219249-BLK1	ND	ug/m3	2.0	0.46		1
1,2-Dibromoethane	B219249-BLK1	ND	ug/m3	2.0	0.39		1
1,2-Dichlorobenzene	B219249-BLK1	ND	ug/m3	2.0	0.36		1
1,3-Dichlorobenzene	B219249-BLK1	ND	ug/m3	2.0	0.34		1
1,4-Dichlorobenzene	B219249-BLK1	ND	ug/m3	2.0	0.44		1
Dichlorodifluoromethane	B219249-BLK1	ND	ug/m3	1.0	0.24		1
1,1-Dichloroethane	B219249-BLK1	ND	ug/m3	1.0	0.16		1
1,2-Dichloroethane	B219249-BLK1	ND	ug/m3	1.0	0.19		1
1,1-Dichloroethene	B219249-BLK1	ND	ug/m3	1.0	0.17		1
cis-1,2-Dichloroethene	B219249-BLK1	ND	ug/m3	1.0	0.20		1
trans-1,2-Dichloroethene	B219249-BLK1	ND	ug/m3	1.0	0.16		1
1,2-Dichloropropane	B219249-BLK1	ND	ug/m3	1.0	0.17		1
cis-1,3-Dichloropropene	B219249-BLK1	ND	ug/m3	1.0	0.30		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B219249							
trans-1,3-Dichloropropene	B219249-BLK1	ND	ug/m3	1.0	0.25		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	B219249-BLK1	ND	ug/m3	2.0	0.28		1
2,2-Dichloro-1,1,1-trifluoroethane	B219249-BLK1	ND	ug/m3	2.0	0.19		1
1,1-Difluoroethane	B219249-BLK1	ND	ug/m3	3.0	0.12		1
1,4-Dioxane	B219249-BLK1	ND	ug/m3	2.0	0.35		1
Ethanol	B219249-BLK1	ND	ug/m3	1.0	0.21		1
Ethyl acetate	B219249-BLK1	ND	ug/m3	1.0	0.23		1
Ethylbenzene	B219249-BLK1	ND	ug/m3	1.0	0.22		1
1-Ethyl-4-methylbenzene	B219249-BLK1	ND	ug/m3	1.0	0.28		1
n-Heptane	B219249-BLK1	ND	ug/m3	1.0	0.30		1
Hexachlorobutadiene	B219249-BLK1	ND	ug/m3	2.0	0.66		1
Hexane	B219249-BLK1	ND	ug/m3	1.0	0.16		1
Isopropyl alcohol	B219249-BLK1	ND	ug/m3	2.0	0.22		1
Isopropylbenzene	B219249-BLK1	ND	ug/m3	1.0	0.25		1
Methyl acetate	B219249-BLK1	ND	ug/m3	1.0	0.21		1
2-Methylbutane	B219249-BLK1	ND	ug/m3	1.0	0.25		1
Methylcyclohexane	B219249-BLK1	ND	ug/m3	1.0	0.18		1
Methylene chloride	B219249-BLK1	ND	ug/m3	2.0	0.42		1
Methyl ethyl ketone	B219249-BLK1	ND	ug/m3	1.0	0.18		1
Methyl isobutyl ketone	B219249-BLK1	ND	ug/m3	1.0	0.23		1
Methyl methacrylate	B219249-BLK1	ND	ug/m3	1.0	0.30		1
Methyl t-butyl ether	B219249-BLK1	ND	ug/m3	1.0	0.14		1
n-Nonane	B219249-BLK1	ND	ug/m3	1.0	0.26		1
n-Octane	B219249-BLK1	ND	ug/m3	1.0	0.35		1
n-Propylbenzene	B219249-BLK1	ND	ug/m3	1.0	0.31		1
Propylene	B219249-BLK1	ND	ug/m3	1.0	0.16		1
Styrene	B219249-BLK1	ND	ug/m3	1.0	0.29		1
1,1,2,2-Tetrachloroethane	B219249-BLK1	ND	ug/m3	2.0	0.35		1
Tetrachloroethene	B219249-BLK1	ND	ug/m3	2.0	0.35		1
Tetrahydrofuran	B219249-BLK1	ND	ug/m3	1.0	0.18		1
Toluene	B219249-BLK1	ND	ug/m3	1.0	0.18		1
1,2,4-Trichlorobenzene	B219249-BLK1	ND	ug/m3	4.0	0.48		1
1,1,1-Trichloroethane	B219249-BLK1	ND	ug/m3	1.0	0.24		1
1,1,2-Trichloroethane	B219249-BLK1	ND	ug/m3	1.0	0.26		1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B219249							
Trichloroethene	B219249-BLK1	ND	ug/m3	1.0	0.36		1
Trichlorofluoromethane	B219249-BLK1	ND	ug/m3	1.0	0.19		1
1,1,2-Trichloro-1,2,2-trifluoroethane	B219249-BLK1	ND	ug/m3	2.0	0.37		1
1,2,3-Trimethylbenzene	B219249-BLK1	ND	ug/m3	1.0	0.27		1
1,2,4-Trimethylbenzene	B219249-BLK1	ND	ug/m3	1.0	0.32		1
1,3,5-Trimethylbenzene	B219249-BLK1	ND	ug/m3	1.0	0.41		1
Vinyl acetate	B219249-BLK1	ND	ug/m3	1.0	0.16		1
Vinyl chloride	B219249-BLK1	ND	ug/m3	1.0	0.082		1
p- & m-Xylenes	B219249-BLK1	ND	ug/m3	2.0	0.38		1
o-Xylene	B219249-BLK1	ND	ug/m3	1.0	0.24		1
Total Xylenes	B219249-BLK1	ND	ug/m3	3.0	0.62		1
4-Bromofluorobenzene (Surrogate)	**B219249-BLK1**	**106**	%	**70 - 130 (LCL - UCL)**			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B219249-BLK1	PB	EPA-TO-15	09/16/25	09/16/25 18:29	BEP	MS-A1	1

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Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Volatile Organic Compounds by GC/MS (EPA Method TO-15 at STP)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals	Run #
QC Batch ID: B219249											
Benzene	B219249-BS1	LCS	15.718	15.974	ug/m3	98.4		70 - 130			1
	B219249-BSD1	LCSD	15.782	15.974	ug/m3	98.8	0.4	70 - 130	25		2
Chloroform	B219249-BS1	LCS	24.901	24.413	ug/m3	102		70 - 130			1
	B219249-BSD1	LCSD	24.852	24.413	ug/m3	102	0.2	70 - 130	25		2
Ethylbenzene	B219249-BS1	LCS	23.751	21.711	ug/m3	109		70 - 130			1
	B219249-BSD1	LCSD	23.795	21.711	ug/m3	110	0.2	70 - 130	25		2
Tetrachloroethene	B219249-BS1	LCS	33.845	33.913	ug/m3	99.8		70 - 130			1
	B219249-BSD1	LCSD	34.116	33.913	ug/m3	101	0.8	70 - 130	25		2
Toluene	B219249-BS1	LCS	19.558	18.842	ug/m3	104		70 - 130			1
	B219249-BSD1	LCSD	19.747	18.842	ug/m3	105	1.0	70 - 130	25		2
Trichloroethene	B219249-BS1	LCS	27.943	26.869	ug/m3	104		70 - 130			1
	B219249-BSD1	LCSD	27.997	26.869	ug/m3	104	0.2	70 - 130	25		2
Trichlorofluoromethane	B219249-BS1	LCS	29.609	28.092	ug/m3	105		70 - 130			1
	B219249-BSD1	LCSD	29.440	28.092	ug/m3	105	0.6	70 - 130	25		2
1,1,2-Trichloro-1,2,2-trifluoroethane	B219249-BS1	LCS	38.318	38.318	ug/m3	100		70 - 130			1
	B219249-BSD1	LCSD	38.318	38.318	ug/m3	100	0	70 - 130	25		2
p- & m-Xylenes	B219249-BS1	LCS	46.721	43.421	ug/m3	108		70 - 130			1
	B219249-BSD1	LCSD	46.808	43.421	ug/m3	108	0.2	70 - 130	25		2
o-Xylene	B219249-BS1	LCS	23.317	21.711	ug/m3	107		70 - 130			1
	B219249-BSD1	LCSD	23.361	21.711	ug/m3	108	0.2	70 - 130	25		2
Total Xylenes	B219249-BS1	LCS	70.039	65.132	ug/m3	108		70 - 130			1
	B219249-BSD1	LCSD	70.169	65.132	ug/m3	108	0.2	70 - 130	25		2
4-Bromofluorobenzene (Surrogate)	B219249-BS1	LCS	73.3	71.6	ug/m3	102		70 - 130			1
	B219249-BSD1	LCSD	73.3	71.6	ug/m3	102	0	70 - 130			2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B219249-BS1	LCS	EPA-TO-15	09/16/25	09/16/25 17:15	BEP	MS-A1	1
2	B219249-BSD1	LCSD	EPA-TO-15	09/16/25	09/16/25 17:49	BEP	MS-A1	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B218923							
Carbon dioxide (CO2)	B218923-BLK1	ND	% by Vol.	0.10	0.060		1
Carbon monoxide (CO)	B218923-BLK1	ND	% by Vol.	0.050	0.028		1
Methane (CH4)	B218923-BLK1	ND	% by Vol.	0.00020	0.00018		1
Nitrogen (N2)	B218923-BLK1	ND	% by Vol.	5.0	0.25		1
Oxygen (O2)	B218923-BLK1	ND	% by Vol.	0.020	0.016		1
QC Batch ID: B218924							
Carbon dioxide (CO2)	B218924-BLK1	ND	% by Vol.	0.10	0.060		2
Carbon monoxide (CO)	B218924-BLK1	ND	% by Vol.	0.050	0.028		2
Methane (CH4)	B218924-BLK1	ND	% by Vol.	0.00020	0.00018		2
Nitrogen (N2)	B218924-BLK1	ND	% by Vol.	5.0	0.25		2
Oxygen (O2)	B218924-BLK1	ND	% by Vol.	0.020	0.016		2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B218923-BLK1	PB	ASTM-D1946	09/09/25	09/09/25 18:50	RMK	GC-A1	1
2	B218924-BLK1	PB	ASTM-D1946	09/09/25	09/10/25 00:07	RMK	GC-A1	1

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Citadel EHS - Signal Hill
2525 Cherry Ave. Suite 105
Signal Hill, CA 90755

Reported: 09/17/2025 15:59
Project: Rio Hondo Park
Project Number: 2230.1002.0
Project Manager: Doug Whichard

Fixed Gases by GC/TCD (ASTM D1946)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals	Run #
QC Batch ID: B218923											
Carbon dioxide (CO2)	B218923-BS1	LCS	6.0409	6.0000	% by Vol.	101		70 - 130			1
	B218923-BSD1	LCSD	6.0333	6.0000	% by Vol.	101	0.1	70 - 130	30		2
Carbon monoxide (CO)	B218923-BS1	LCS	2.7418	2.8000	% by Vol.	97.9		70 - 130			1
	B218923-BSD1	LCSD	2.7430	2.8000	% by Vol.	98.0	0.0	70 - 130	30		2
Methane (CH4)	B218923-BS1	LCS	1.7961	1.8000	% by Vol.	99.8		70 - 130			1
	B218923-BSD1	LCSD	1.7935	1.8000	% by Vol.	99.6	0.1	70 - 130	30		2
Nitrogen (N2)	B218923-BS1	LCS	23.290	24.600	% by Vol.	94.7		70 - 130			1
	B218923-BSD1	LCSD	23.289	24.600	% by Vol.	94.7	0.0	70 - 130	30		2
Oxygen (O2)	B218923-BS1	LCS	1.4284	1.6000	% by Vol.	89.3		70 - 130			1
	B218923-BSD1	LCSD	1.4298	1.6000	% by Vol.	89.4	0.1	70 - 130	30		2
QC Batch ID: B218924											
Carbon dioxide (CO2)	B218924-BS1	LCS	5.9900	6.0000	% by Vol.	99.8		70 - 130			3
	B218924-BSD1	LCSD	5.9780	6.0000	% by Vol.	99.6	0.2	70 - 130	30		4
Carbon monoxide (CO)	B218924-BS1	LCS	2.7579	2.8000	% by Vol.	98.5		70 - 130			3
	B218924-BSD1	LCSD	2.7559	2.8000	% by Vol.	98.4	0.1	70 - 130	30		4
Methane (CH4)	B218924-BS1	LCS	1.8019	1.8000	% by Vol.	100		70 - 130			3
	B218924-BSD1	LCSD	1.8005	1.8000	% by Vol.	100	0.1	70 - 130	30		4
Nitrogen (N2)	B218924-BS1	LCS	23.459	24.600	% by Vol.	95.4		70 - 130			3
	B218924-BSD1	LCSD	23.433	24.600	% by Vol.	95.3	0.1	70 - 130	30		4
Oxygen (O2)	B218924-BS1	LCS	1.4502	1.6000	% by Vol.	90.6		70 - 130			3
	B218924-BSD1	LCSD	1.4522	1.6000	% by Vol.	90.8	0.1	70 - 130	30		4

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B218923-BS1	LCS	ASTM-D1946	09/09/25	09/09/25 18:07	RMK	GC-A1	1
2	B218923-BSD1	LCSD	ASTM-D1946	09/09/25	09/09/25 18:28	RMK	GC-A1	1
3	B218924-BS1	LCS	ASTM-D1946	09/09/25	09/09/25 23:25	RMK	GC-A1	1
4	B218924-BSD1	LCSD	ASTM-D1946	09/09/25	09/09/25 23:46	RMK	GC-A1	1

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Citadel EHS - Signal Hill	**Reported:** 09/17/2025 15:59
2525 Cherry Ave. Suite 105	Project: Rio Hondo Park
Signal Hill, CA 90755	Project Number: 2230.1002.0
	Project Manager: Doug Whichard

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A01	Detection and quantitation limits are raised due to sample dilution.
Z1	Samples were in canisters with a 30-day hold time.