

## **Appendix I.2**

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### **Phase II**



March 9, 2021

Leon Benrimon  
**UNCOMMON DEVELOPERS**  
9220 Winnetka Avenue  
Los Angeles, California 91311

**Re: CITADEL Proposal No. 0950.1013.0**  
**Limited Phase II Soil Vapor Sampling Services Report**  
**6728 Sepulveda Boulevard**  
**Van Nuys, California 91411**

Dear Mr. Benrimon:

Citadel EHS (Citadel) is pleased to provide you with this Limited Phase II Soil Vapor Sampling Services Report for the above-referenced location.

The Phase II Limited Soil Vapor Sampling Services was completed for Uncommon Developers (Client) in general accordance with Citadel's Proposal 0950.1013.P, dated February 12, 2021, and 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 (562) 547-3061.

Sincerely,

**CITADEL EHS**

**Scott  
Grasse**

Scott Grasse, PG, MSC  
Project Geologist, Engineering and Environmental Sciences

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Enclosure



# CITADEL EHS

assess resolve strengthen

**Uncommon Developers**  
9220 Winnetka Avenue  
Los Angeles, California 91311

## **Limited Phase II Soil Vapor Sampling Services Report**

March 10, 2021

Citadel Project Number 0950.1013.0

Former California Green Tree Villa  
6728 Sepulveda Boulevard  
Van Nuys, California 91411

**[www.CitadelEHS.com](http://www.CitadelEHS.com)**

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## **1.0 INTRODUCTION**

Citadel EHS (Citadel) has prepared this Limited Phase II Subsurface Investigation Report for the property located at 6728 Sepulveda Boulevard in the City of Van Nuys, California (Site). The Site consists of a single 2.18 acre parcel developed with a multi-unit assisted living facility, paved parking area, and associated landscaping. Available records indicate the Site was developed with the existing 53,368 square foot (SF) structure in 1973. The property is currently unoccupied and is to be demolished to make way for new Site development. Refer to Figure 1 for a Site Location Map.

This investigation was limited to exterior locations of the Site. No borings were advanced within the footprint of the building, which occupies approximately half of the Site.

## **2.0 BACKGROUND**

Citadel reviewed a Limited Phase II Environmental Site Assessment (Phase II ESA) report prepared by Earth Science, LLC (Earth Science) dated October 19, 2020. The following is a summary of Earth Science's findings and conclusions:

- Several offsite properties in the vicinity of the Site represent a potential environmental concern, including the facility located adjacent to the north of the Site at 6754 Sepulveda Boulevard, which operated as a dry cleaner from at least 1970 up to at least 2012; and the facility at 6756 Sepulveda Boulevard which operates as a laundry mat and cleaners. A review of available regulatory records indicated that the north-adjacent dry cleaning operations generated large quantities of halogenated solvent waste, including wastes from the storage and use of tetrachloroethene (PCE). A dry cleaning facility also operated at the property located adjacent to and northwest of the Site at 6739 Sepulveda Boulevard from at least 1950, and from at least 2014 up to at least October 2020.
- On October 2, 2020, Earth Science advanced 10 borings across the Site to a depth of five feet below ground surface (bgs); installed soil vapor monitoring probes; and collected soil vapor and soil samples. PCE was detected in soil vapor samples from three borings at concentrations between 23 and 51 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ), exceeding the applicable regulatory screening level of 15  $\mu\text{g}/\text{m}^3$ . A 4,4- Dichloro-diphenyl-dichloroethylene (DDE) concentration of 0.0058 milligrams per kilogram (mg/kg) was detected in one soil sample, below the residential screening level of 1.8 mg/kg.
- Earth Science reviewed the results of a Limited Subsurface Investigation conducted by Patriot Environmental Laboratory Services, Inc. (Patriot) dated September 17, 2020. Patriot installed soil vapor probes in three borings at a depth of six feet. PCE was detected in soil vapor from two of the borings with reported concentrations between 1,300 and 5,300  $\mu\text{g}/\text{m}^3$ .

A closed Leaking Underground Storage Tank (LUST) Cleanup Site exists approximately 635 feet north of the Site at a former Chevron gas station located at 6810 Sepulveda Boulevard. According to the online GeoTracker database a solvent or non-petroleum hydrocarbon leak was reported on January 22, 1996. The case received closure from the Los Angeles Regional Water Quality Control Board (LARWQCB) on September 25, 1996.

### **3.0 GEOLOGY/HYDROGEOLOGY**

The Site elevation is approximately 730 feet above mean sea level and slopes to the south-southeast (USGS, 2018). The Site is identified on the geologic map of the of the Van Nuys quadrangle, Southern California as being Holocene-aged alluvial gravel, sand, silt and clay (Yerks, 1996).

The Site is located within the southern part of the San Fernando Valley Groundwater Basin (No. 4-12), Los Angeles County (California Natural Resources Agency, 2003). The basin is bounded on the north and northwest by the Santa Susana Mountains, on the north and northeast by the San Gabriel Mountains, on the east by the San Rafael Hills, on the south by the Santa Monica Mountains and Chalk Hills, and on the west by the Simi Hills. The valley is drained by the Los Angeles River and its tributaries. The water-bearing sediments consist of the lower Pleistocene Saugus Formation, and Pleistocene and Holocene age alluvium. The ground-water in this basin is mainly unconfined with some confinement within the Saugus Formation in the western part of the basin and in the Sylmar and Eagle Rock areas.

According to a Geotechnical Investigation report prepared by GEOCON West, LLC (GEOCON) dated September 11, 2020, the historical maximum groundwater height in the basin is approximately 40 feet bgs. Groundwater was not encountered in borings drilled to a maximum depth of 65.5 feet bgs during GEOCON's investigation.

### **4.0 PRE-FIELD ACTIVITIES**

A Site-specific health and safety plan (HASP) was prepared prior to on-site activities. This HASP identified existing and potential hazards for workers during drilling and sample collection activities. The HASP was discussed with the Citadel team and subcontractors each day prior to performing the fieldwork. A copy of the HASP is included in Appendix A.

To screen the boring sites for potential utilities, Citadel marked the proposed boring locations and contacted Underground Service Alert (USA) for marking of utilities. Boring clearances were completed using a hand auger to approximately five feet bgs to avoid impacting subsurface anomalies not associated with underground utilities that may have been present at each boring location.

### **5.0 SOIL VAPOR AND SOIL SAMPLING**

On February 23, 2021 Citadel advanced six borings identified as B1 through B6 across the Site. Each boring was advanced to a depth of approximately 25 feet bgs. Refer to Figure 2 for a Site Map showing the boring locations. Refer to Appendix B for copies of Boring Logs, and Appendix C for a copy of Citadel's field notes.

Soil samples were collected in acetate sleeves at approximate five-foot intervals beginning at five feet bgs. Each sample was labeled according to the boring number and the sample depth. For example, B1-5 is the five-foot sample from boring B1. The soil borings were logged under the supervision of a California Professional Geologist, and soil samples collected from each boring were field screened with a photoionization detector (PID) to monitor the vapor space for the presence of volatile organic compounds (VOCs).

Soil vapor sampling probes were installed in each boring at 15 feet and at the terminus of each boring. Gas tight fittings were placed at the end of the probes at the surface. Soil vapor samples were collected in one-liter Tedlar bags at least two hours after the probe installation. Following the collection of soil vapor samples, the tubing was removed. The boring locations were backfilled with hydrated bentonite and the surface finished to match the surrounding surface.

Soil samples were placed in a chilled cooler, and soil vapor samples were placed in a cooler without ice to insulate the samples from sun light and kept at room temperature to prevent condensation. Samples were delivered to Eurofins Calscience, LLC., a state-certified laboratory, under standard Chain-of-Custody (COC) protocols.

Twelve soil vapor samples were analyzed for VOCs by EPA Method 8260B and TPH as gasoline by EPA Method TO-3.

Thirty soil samples were submitted to the laboratory and placed on hold for analysis if deemed necessary. The criteria for analyzing these samples were based on results of the soil vapor analysis, and field PID measurements.

## **6.0 SCREENING LEVELS**

Laboratory results above the reporting limits (RLs) for each sample were compared to the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB, 2019) Environmental Screening Levels (ESLs); the California Department of Toxic Substances Controls (DTSC) Human and Ecological Risk Office (HERO) Note 3 Screening Levels (SLs, 2020); and from the US Environmental Protection Agency's (EPA) Regional Screening Levels (RSLs, 2020). The DTSC SLs and EPA RSLs were compared to the results when the SFBRWQCB ESLs were not available for that constituent. The soil vapor ESLs for evaluating soil vapor intrusion are based on indoor air concentrations over an attenuation factor (AF) of 0.03. This represents a very conservative approach to establishing future risk.

## **7.0 RESULTS**

This section presents a summary and comparison of the results to the appropriate screening levels for soil and soil vapor. VOCs in soil vapor are summarized in Table 1. VOCs and TPH in soil is summarized in Table 2. Copies of the laboratory reports are presented in Appendix C.

Twelve soil vapor samples were analyzed for VOCs. VOCs were detected above laboratory RLs in one or more samples including 1,1-Dichloroethene, 1,2-Dichloropropane, 2-Butanone (MEK), 4-Methyl-2-pentanone, acetone, benzene, chloroethane, chloromethane, dichlorodifluoromethane, di-isopropyl ether (DIPE), ethylbenzene, isopropanol, m,p-xylene, methylene chloride (DCM), o-xylene, tert-butyl alcohol (TBA), PCE, toluene, trichloroethene (TCE), and trichlorofluoromethane.

- PCE was detected in all samples. The highest concentrations were reported from borings B2, B3, B4, B5 and B6 between 17 and 480  $\mu\text{g}/\text{m}^3$ , exceeding the residential screening level of 15  $\mu\text{g}/\text{m}^3$ . PCE concentrations in samples B1-15 and B1-25 were reported at 4.0 and 5.1  $\mu\text{g}/\text{m}^3$ , respectively, below the residential screening level of 15  $\mu\text{g}/\text{m}^3$ .

- Benzene was detected in all samples with the exception of B3-15 and B5-15. Benzene concentrations were reported from borings B1, B2, B3, B4 and B5 between 3.5 and 40  $\mu\text{g}/\text{m}^3$ , exceeding the residential screening level of 3.2  $\mu\text{g}/\text{m}^3$ .
- The remaining VOCs identified above the reporting limit were below the residential screening levels.

Thirty soil samples were submitted to the laboratory and placed on hold for analysis pending results of the soil vapor analysis, and field PID measurements. The criteria for these analyses are used to investigate potential sources of contaminants found in soil vapor. In this investigation, B2-5 contained visible staining and odor, and a VOC concentration of 4.829  $\text{ppm}_v$  was detected using the PID. Citadel therefore recommended that the soil sample from B2-5 be analyzed for VOCs and TPH. Soil samples from B3-15 and B3-25 were also analyzed.

- Acetone was reported with a concentration of 23 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) for sample B4-22. This concentration is below the residential screening level of 61,000,000  $\mu\text{g}/\text{kg}$ .
- TPH concentrations in soil between 5.6 and 32  $\text{mg}/\text{kg}$  were detected in seven samples. These results are below the residential screening level of 12,000  $\text{mg}/\text{kg}$ .

## **8.0 CONCLUSIONS AND RECOMMENDATIONS**

The current investigation was intended to provide assessment and delineation of soil vapor risks at the Site. Twelve soil vapor samples were analyzed for VOCs, and three soil samples were analyzed for VOCs and TPH. Based on the findings of this investigation and analytical results, Citadel concludes the following:

- PCE concentrations in soil vapor exceeded residential ESLs in borings B2, B3, B4, B5 and B6.
- Concentrations of benzene exceeded residential ESLs in soil vapor samples from borings B1, B2, B3, B4 and B5.
- TPH was detected in soil samples from borings B2 and B4 in concentrations below current residential screening levels.

Based on this investigation, the Site is impacted by the presence of VOCs. The presence of PCE is consistent with dry cleaning operations and may be related to present and historical dry cleaning and laundry operations at the facilities located north of the Site. Solvent and fuel-related VOCs are present in soil vapor. Concentrations of TPH in soil are well below residential screening levels and are unlikely to be a source for the VOCs detected in soil vapor. The presence of VOCs in all samples indicate the majority of the site is impacted.

Citadel understands that the Site is planned for redevelopment into multi-family residential use. Due to the presence of VOCs in soil vapor laterally and vertically across the Site, Citadel recommends that a Human Health Risk Assessment (HHRA) be conducted for the Site. The HHRA will be prepared by a qualified Toxicologist and would determine whether VOCs detected in soil vapor represents a threat to current and future human health, and determine whether risk-control measures would be required to protect future residents and workers based on the planned residential development. If the results of the HHRA indicate a cancer risk greater than  $1 \times 10^{-6}$  or a health hazard index greater than 1, Citadel will recommend the installation of a soil vapor barrier and passive venting system for the ground floor residential units.



In addition, Citadel recommends the preparation and implementation of a Soil Management Plan (SMP) prior to any construction activities that require excavation of soil. The purpose of the SMP is to describe specific soil-handling controls required for complying with local, state and federal overseeing agencies; prevent unacceptable exposure to contaminated soil and prevent the improper disposal of contaminated soils. This SMP applies to soil-disturbing activities performed at the Site. Soil-disturbing activities include excavation, grading, trenching, asphalt removal, utility installation or repair, and any other human activities that could potentially bring contaminated soil or soil vapor to the surface. The plan applies to such work regardless of the entity performing the work.

Prior to soil excavation activities, implementation of South Coast Air Quality Management District (SCAQMD) Rule 1166 monitoring is required due to the presence of VOCs. AQMD Rule 1166 monitoring includes overseeing removal of VOC-impacted soil with an organic vapor analyzer instrument, as per the 1166 permit. After completion of the earthwork activities, Citadel will prepare and submit a written report to SCAQMD that will document the monitoring and mitigation activities performed at the Site.

## **9.0 REFERENCES CITED**

California Department of Toxic Substances Control, Human and Ecological Risk Office, Human Health Risk Assessment Note Number 3, June 2020.

California Natural Resources Agency, Department of Water Resources, 2003, California's Groundwater, Bulletin 118.

California State Water Resources Control Board, GeoTracker.  
(<http://geotracker.waterboards.ca.gov/>).

Earth Science, LLC, 2020, Limited Phase II Environmental Site Assessment Report for Former California Green Tree Villa, 6728 Sepulveda Boulevard, Van Nuys, California, 91411.

GEOCON West Inc., 2020, Geotechnical Investigation, Proposed Multi Family Residential Development, 6728 North Sepulveda Boulevard and 6715 North Columbus Avenue, Los Angeles, California.

Preliminary geologic San Francisco Bay Regional Water Quality Control Board, Environmental Screening Levels, 2019.

United States Geological Service, Van Nuys Quadrangle 7.5 Minute Series, 2018.

United States Environmental Protection Agency, Regional Screening Levels (RSLs), May 2020.

Yerks, R.F., 1996, Preliminary Map of the Van Nuys 7.5' Quadrangle, Southern California, scale 1:24,000.

## **10.0 LIMITATIONS**

This 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.

## **11.0 DISCLAIMER**

The services performed by Citadel Environmental Services, Inc. ("Citadel"), d.b.a. Citadel EHS, in connection with this Report were performed in accordance with generally and currently accepted engineering practices and principles; provided, however, Citadel completed such services as directed by the Client and the recommendations described in this Report are therefore limited in purpose and scope. The procedures and methodologies used by Citadel in its performance of services, and the recommendations contained herein, are not intended to meet the requirements under any specific laws or regulatory guidelines unless expressly set forth in the Proposal.

The recommendations and conclusions set forth in this Report are based on information and data available to Citadel during the course of its performance of the services. Citadel relied on the information and data provided by or on behalf of Client, including, if applicable, historical and present operations, conditions and test data, and Citadel assumed all such information and data was correct and complete. Citadel shall not be liable for any damages or losses resulting from inaccuracies of, or omissions from, information or data provided by or on behalf of the Client, any interested third-parties, or any federal, state, county, or local governmental authority, or otherwise available in the public domain.

The information contained in this Report and conclusions resulting therefrom are based solely on information available to Citadel at the time of its performance of services, and from observations and perceived conditions and materials existing on the date of Citadel's limited survey of the site, if applicable. Citadel disclaims any inaccuracy in the Report as a result of any part or parcel of property to which Citadel was not provided access, or which was concealed, including, but not limited to, wall cavities/chases, ceiling plenums, below floor finishes, crawlspaces, below grade, beneath existing structures, or behind electrical panels.

The findings and recommendations presented in this Report are based upon observations of present conditions and may not necessarily indicate future conditions. No conclusions should be construed or inferred other than those expressly stated in this Report. EXCEPT FOR ANY WARRANTIES EXPRESSLY SET FORTH IN THE PROPOSAL OR OTHER WRITTEN AGREEMENT BETWEEN CITADEL AND CLIENT, CITADEL MAKES NO WARRANTIES HEREUNDER WITH RESPECT TO ANY INFORMATION CONTAINED IN THIS REPORT, EXPRESS OR IMPLIED, AND CITADEL HEREBY DISCLAIMS ALL OTHER WARRANTIES.

All testing and remediation methods have reliability limitations and no method nor number of sampling locations can guarantee that a hazard will be discovered if contamination or other evidence of the hazard is not encountered within the performance of the services as authorized. Reliability of testing or remediation varies according to the sampling frequency and other service variables that were selected by Client. Citadel shall not be at fault or liable for any such limitations.

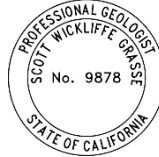
The information and opinions rendered in this report are exclusively for use and reliance by the Client. The information contained herein may not be used, disclosed, or copied without written permission of the Client and may not be relied upon without the written permission of Citadel.

## 11.0 SIGNATURES

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Scott Grasse, PG, MSc  
Project Geologist, Engineering and Environmental Sciences

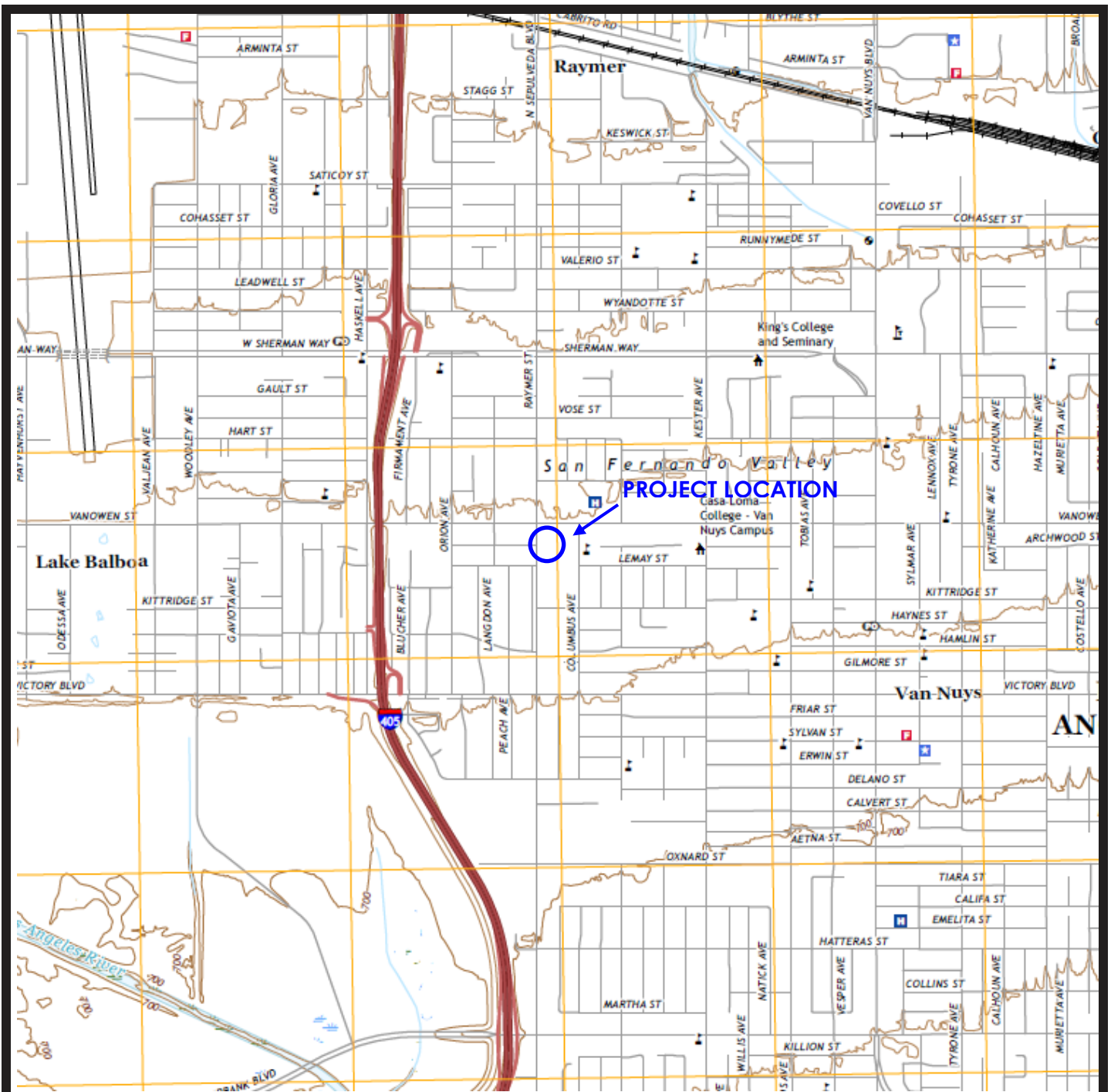
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Mark Drollinger, M. Eng., CSP, CHMM  
Principal, Engineering and Environmental Sciences

## Figures



Not to Scale

Source: USGS, Van Nuys Quadrangles, 2018, 7.5 Minute Series



**CITADEL**  
ENVIRONMENTAL SERVICES, INC.

### UNCOMMON DEVELOPERS

6728 Sepulveda Boulevard  
Van Nuys, California 91411

Figure 1

PROJECT NO.: 0950.1013.0

DATE: March 2021

## Site Location Map



Approximate Site Boundary



Boring Locations



Source: Google Maps (2021)

Not to Scale



**CITADEL**  
ENVIRONMENTAL SERVICES, INC.

**UNCOMMON DEVELOPERS**

6728 Sepulveda Boulevard  
Van Nuys, California 91411

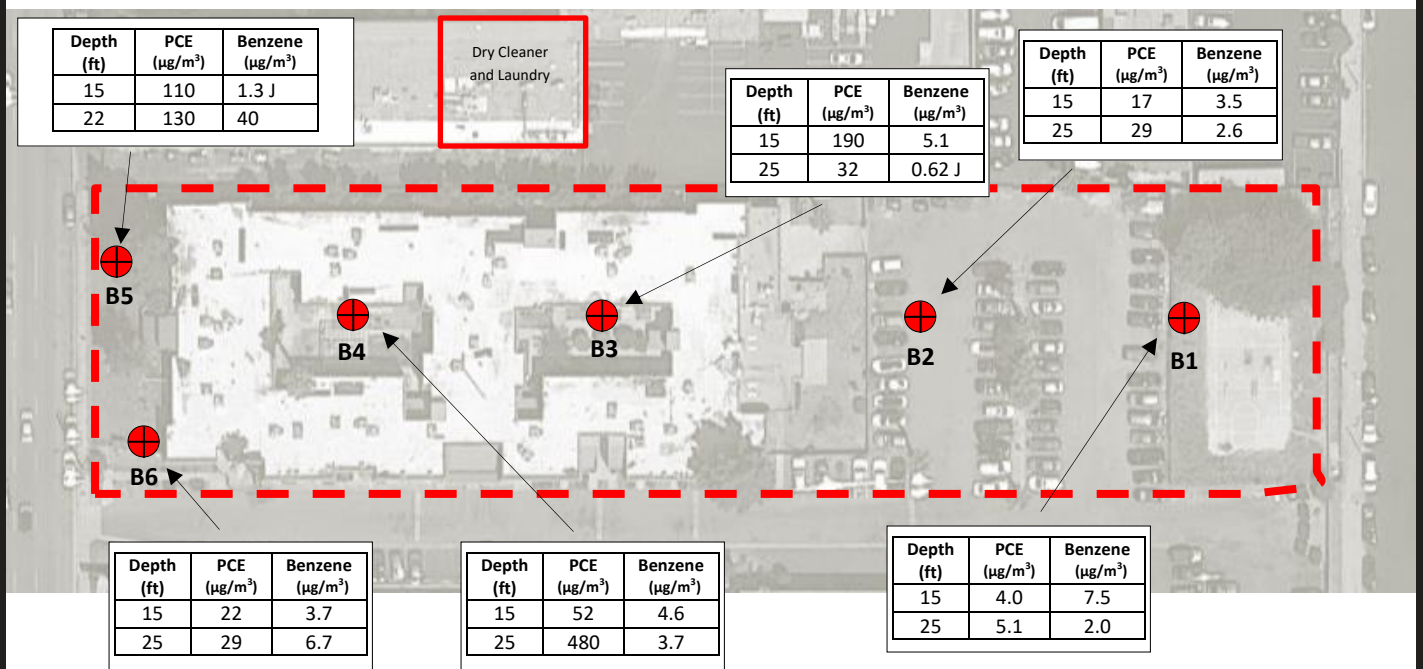
Figure 2

PROJECT NO.: 0950.1013.0

DATE: March 2021

**Site Map**





Site Boundary



Boring Locations



Not to Scale

Source: Google Maps (2021)



**CITADEL**  
ENVIRONMENTAL SERVICES, INC.

**UNCOMMON DEVELOPERS**

6728 Sepulveda Boulevard  
Van Nuys, California 91411

Figure 3

PROJECT NO.: 0950.1013.0

DATE: March 2021

**PCE and Benzene  
in Soil Vapor**

## Tables



Sample ID	Sample Depth (feet)	Date Sampled	Table 1a. Volatile Organic Compounds in Soil Vapor 6728 Sepulveda Boulevard Van Nuys, California 91411									
			1,1-Dichloro-ethene	1,2-Dichloro-propane	2-Butanone (MEK)	4-Methyl-2-pentanone	Acetone	Benzene	Chlorethane	Chloro-methane	Dichloro-difluoro-methane	Di-isopropyl Ether (DIPE)
B1	15	2/23/2021	< 0.69	<b>5.8</b>	<b>120</b>	3.2 J	<b>160</b>	<b>7.5</b>	< 0.45	<b>1.4</b>	<b>7.1</b>	1.9 J
	25	2/23/2021	< 0.69	<b>5.6</b>	<b>67</b>	4.1 J	<b>96</b>	<b>2.0</b>	<b>1.4</b>	<b>1.5</b>	<b>7.2</b>	< 1.5
B2	15	2/23/2021	< 0.69	<b>4.6</b>	<b>73</b>	< 2.3	<b>100</b>	<b>3.5</b>	< 0.45	< 0.33	<b>5.7</b>	< 1.5
	25	2/23/2021	< 0.69	<b>3.6</b>	<b>51</b>	3.9 J	<b>95</b>	<b>2.6</b>	< 0.45	<b>1.3</b>	<b>6.1</b>	< 1.5
B3	15	2/23/2021	< 0.69	<b>3.7</b>	<b>42</b>	< 2.3	<b>58</b>	<b>5.1</b>	< 0.45	0.41 J	<b>3.7</b>	< 1.5
	22	2/23/2021	< 0.69	<b>3.6</b>	<b>35</b>	< 2.3	<b>13</b>	0.62 J	< 0.33	<b>4.2</b>	< 1.5	<b>3.1</b>
B4	15	2/23/2021	< 0.69	<b>3.6</b>	<b>27</b>	< 2.3	<b>160</b>	<b>4.6</b>	< 0.45	< 0.33	<b>2.6</b>	< 1.5
	22	2/23/2021	< 0.69	<b>3.3</b>	<b>27</b>	3.7 J	<b>76</b>	<b>3.7</b>	< 0.45	< 0.33	2.4 J	< 1.5
B5	15	2/23/2021	< 0.69	2.2 J	<b>36</b>	<b>10</b>	<b>18</b>	1.3 J	<b>65</b>	< 0.98	< 1.5	<b>4.4</b>
	25	2/23/2021	< 0.69	<b>3.0</b>	<b>19</b>	< 2.3	<b>61</b>	<b>40</b>	< 0.45	0.70 J	< 0.98	< 1.5
B6	15	2/23/2021	< 0.69	<b>3.5</b>	<b>27</b>	4.4 J	<b>160</b>	<b>3.7</b>	< 0.45	< 0.33	2.1 J	< 1.5
	25	2/23/2021	<b>2.9</b>	<b>2.6</b>	<b>30</b>	4.2 J	<b>170</b>	<b>6.7</b>	< 0.45	0.98 J	2.0 J	< 1.5
Reporting Limit			2.0	2.3	4.4	6.1	12	1.6	1.3	1.0	2.5	8.4
Method Detection Limit			0.69	0.64	1.2	2.3	0.94	0.50	0.45	0.33	0.98	1.5
ESL - Residential Subslab/Soil Gas Cancer Hazard			-	9.4	-	-	-	3.2	-	-	-	-
ESL - Residential Subslab/Soil Gas non-Cancer Hazard			-	140	170,000	100,000	1,100,000	100	350,000	3,100	-	-
DTSC SL - Residential Subslab Cancer Endpoint			-	-	-	-	-	3.2	-	-	-	-
DTSC SL - Residential Subslab non-Cancer Endpoint			2,400	-	-	-	-	100	-	-	-	-
EPA RSL - Residential Carcinogenic SL			-	25	-	-	-	12	-	-	-	-
EPA RSL - Residential non-Carcinogenic SL			7,000	140	170,000	100,000	1,100,000	1000	-	3,100	3,300	-

**Notes:**

Detected concentrations are shown in **bold** type

< = Analyte not detected at or above given Reporting Limit

- = Criterion is less stringent than other SLs or no regulatory criterion

ESL = Environmental Screening Levels (SFBRWQCB, 2019)

DTSC SL = Department of Toxic Substance Control Screening Levels (DTSC), Human and Ecological Risk Office (HERO), Health Risk Assessment Note Number 3, 2020

EPA RSL = Environmental Protection Agency Regional Screening Levels (2020)

  = Exceeds Residential Screening Levels

Sample ID	Sample Depth (feet)	Date Sampled	Table 1b. Volatile Organic Compounds in Soil Vapor 6728 Sepulveda Boulevard Van Nuys, California 91411									
			Ethyl-benzene	Isopropanol	m,p-xylene	Methylene Chloride (DCM)	o-xylene	Tert-Butyl alcohol (TBA)	Tetrachloro-ethene (PCE)	Toluene	Trichloro-ethene (TCE)	Trichloro-fluoro-methane
			Micrograms per cubic meter (µg/m³)									
B1	15	2/23/2021	<b>4.9</b>	57 J	<b>16</b>	12 J	<b>5.7</b>	3.6 J	<b>4.0</b>	<b>47</b>	<b>4.2</b>	<b>11</b>
	25	2/23/2021	<b>2.4</b>	44 J	6.4 J	9.8 J	<b>2.7</b>	3.4 J	<b>5.1</b>	<b>29</b>	<b>3.7</b>	<b>12</b>
B2	15	2/23/2021	<b>4.1</b>	47 J	<b>11</b>	9.2 J	<b>4.4</b>	3.2 J	<b>17</b>	<b>32</b>	<b>3.5</b>	4.6 J
	25	2/23/2021	<b>2.3</b>	51 J	6.4 J	7.3 J	<b>2.6</b>	2.5 J	<b>29</b>	<b>23</b>	2.6 J	4.9 J
B3	15	2/23/2021	<b>4.6</b>	46 J	<b>14</b>	8.7 J	<b>6.1</b>	2.6 J	<b>190</b>	<b>32</b>	<b>3.0</b>	4.4 J
	22	2/23/2021	46 J	<b>8.9</b>	8.3 J	<b>3.7</b>	< 2.3	<b>130</b>	<b>32</b>	<b>3.0</b>	5.0 J	<b>350</b>
B4	15	2/23/2021	1.5 J	40 J	4.6 J	8.5 J	1.9 J	2.1 J	<b>52</b>	<b>23</b>	<b>2.7</b>	2.5 J
	22	2/23/2021	1.9 J	40 J	5.3 J	8.0 J	<b>2.2</b>	1.6 J	<b>480</b>	<b>23</b>	<b>2.9</b>	2.5 J
B5	15	2/23/2021	48 J	<b>15</b>	7.0 J	<b>5.4</b>	< 2.3	<b>20</b>	<b>110</b>	2.2 J	1.4 J	<b>450</b>
	25	2/23/2021	<b>2.7</b>	72 J	7.0 J	7.1 J	<b>2.6</b>	< 1.1	<b>130</b>	<b>44</b>	<b>3.7</b>	1.5 J
B6	15	2/23/2021	<b>2.5</b>	58 J	7.6 J	7.9 J	<b>2.9</b>	4.6 J	<b>22</b>	<b>29</b>	<b>3.9</b>	1.6 J
	25	2/23/2021	<b>2.4</b>	42 J	6.6 J	7.2 J	<b>2.5</b>	4.2 J	<b>29</b>	<b>22</b>	2.6 J	1.7 J
Reporting Limit			2.2	120	8.7	17	2.2	15	3.4	19	2.7	5.6
Method Detection Limit			1.1	0.96	2.7	1.9	0.86	1.1	1.1	0.50	0.96	1.3
ESL - Residential Subslab/Soil Gas Cancer Hazard			37	-	-	34	-	-	15	-	16	-
ESL - Residential Subslab/Soil Gas non-Cancer Hazard			35,000	-	3,500	14,000	3,500	-	1,400	10,000	70	-
DTSC SL - Residential Subslab Cancer Endpoint			-	-	-	33	-	-	15	-	-	-
DTSC SL - Residential Subslab non-Cancer Endpoint			-	-	-	-	-	-	1,400	10,000	-	43,000
EPA RSL - Residential Carcinogenic SL			37	-	-	3,300	-	-	370	-	16	-
EPA RSL - Residential non-Carcinogenic SL			33,000	7,000	3,300	21,000	3,300	-	1,400	170,000	70	-

**Notes:**

Detected concentrations are shown in **bold** type

< = Analyte not detected at or above given Reporting Limit

- = Criterion is less stringent than other SLs or no regulatory criterion

ESL = Environmental Screening Levels (SFBRWQCB, 2019)

DTSC SL = Department of Toxic Substance Control Screening Levels (DTSC), Human and Ecological Risk Office (HERO), Health Risk Assessment Note Number 3, 2020

EPA RSL = Environmental Protection Agency Regional Screening Levels (2020)

= Exceeds Residential Screening Levels

Sample ID	Date Sampled	Table 2. Volatile Organic Compounds and Total Petroleum Hydrocarbons in Soil 6728 Sepulveda Boulevard Van Nuys, California 91411				
		VOCs	TPH			
		Acetone	Oil (C33-C36)	Oil (C37-C40)	Oil (C41-C44)	Full Range (C6-C44)
		Micrograms per kilogram (µg/kg)	Milligrams per kilogram (mg/kg)			
B2-5	2/23/2021	<20	<b>5.6</b>	<b>7.3</b>	<b>8.5</b>	<b>32</b>
B4-15	2/23/2021	<20	<5.0	<5.0	<b>5.3</b>	<b>21</b>
B4-22	2/23/2021	<b>23</b>	<5.0	<5.0	<5.0	<b>14</b>
Reporting Limit		20	5.0	5.0	5.0	5.0
ESL - Residential Direct Exposure Risk		61,000,000	12,000	12,000	12,000	12,000

**Notes:**

Detected concentrations are shown in **bold** type

< = Analyte not detected at or above given Reporting Limit

- = Criterion is less stringent than other SLs or no regulatory criterion.

ESL = Environmental Screening Levels (SFBRWQCB, 2019)

MCL Priority = Maximum Contaminant Levels (SFBRWQCB, 2019)

# **Appendix A**

## **Health and Safety Plan**



**Uncommon Developers**  
9220 Winnetka Avenue  
Los Angeles, California 91311

## **Health and Safety Plan**

February 22, 2021

Citadel Project Number 0950.1013.0

Residential Property  
6728 Sepulveda Boulevard  
Van Nuys, California 91411

**[www.CitadelEHS.com](http://www.CitadelEHS.com)**

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## **1.0 SITE DESCRIPTION**

Citadel EHS (Citadel) has prepared this Health and Safety Plan (HASP) for use during Phase II Subsurface Investigation activities to be conducted at the property located at 6728 Sepulveda Boulevard in the City of Van Nuys, California (Site). Activities conducted under Citadel's direction at the Site will be in compliance 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**

Uncommon Developers (Client) has requested Citadel to conduct soil vapor sampling on the Site where a large multi-residential complex is planned for development. Citadel understands that the development will be above a ground level podium with a partial subterranean parking to approximately eight to twelve feet below ground surface (bgs). To assess the Site for the presence of volatile organic compounds (VOCs), Citadel's investigation will include the collection of soil and soil vapor samples to approximately 25 feet below ground surface (bgs).

## **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 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 in regard to their employees and other persons. Subcontractors will assume the duty to comply with OSHA, and all other federal, state and local regulations.

The subcontractors work will be monitored by Client project managers for implementation of this HASP, while adhering to their own safety program. The Client will retain the authority and power to enforce this HASP during the progress of the work. Any deficiencies in 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**

### **SOIL SAMPLING**

To evaluate the current subsurface conditions, Citadel will advance six borings across the Site. The borings will be advanced to a depth of approximately 25 feet below ground surface (bgs) using a direct push drill rig. Soil samples will be collected in acetate sleeves at approximate five-foot intervals. The soil borings will be logged by, or under the supervision of a California Professional Geologist, and soil samples collected from each boring will be field screened with a photoionization detector (PID) or equivalent to monitor the vapor space for the presence of volatile organic compounds (VOCs). Citadel will collect 30 soil samples for transportation to a state approved analytical laboratory.

### **SOIL VAPOR SAMPLING**

After collection of soil samples, Citadel will install soil vapor probes in each boring at depths of 15 and 25 feet bgs. All soil vapor sampling probes will be installed in accordance with the California Environmental Protection Agency's (Cal EPA) Department of Toxic Substance Control (DTSC) – Active Soil Gas Investigation<sup>1</sup> and Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air<sup>2</sup>. Soil vapor probe tips will be placed within a sand pack at the proposed sampling depths. Approximately six inches of dry bentonite chips will be placed over the sand pack, followed by placement of hydrated bentonite. Gas tight fittings will be placed at the end of the probes at the surface. Soil vapor samples will be collected in one-liter Tedlar bags following the procedure of the Cal EPA's Active Soil Gas Investigation Authority approximately two hours after the probes have been installed. Citadel will collect 12 soil vapor samples for transportation to a state approved analytical laboratory. Following the collection of soil and soil vapor samples, the boring locations will be backfilled with hydrated bentonite.

## **5.0 KEY PROJECT PERSONNEL AND RESPONSIBILITIES**

Project Manager	Scott Grasse (Citadel)
Site Safety Officer (SSO)/Project Monitor	Tim Lambert (Citadel)
Subcontractor Personnel	Samuel Miller (Choice Drilling)

### **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.

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<sup>1</sup> Advisory Active Soil Gas Investigations, California Environmental Protection Agency, Department of Toxic Substance Control, Los Angeles Regional Water Quality Control Board, San Francisco Regional Water Quality Control Board, July 2015.

<sup>2</sup> Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air, Department of Toxic Substance Control, California Environmental Protection Agency, October 2011.



## **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 personal protective equipment (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.

## **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 access and security on site. The Client is responsible for general Site safety.

## **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).

- OSHA's Heat Index:

Heat Index	Risk Level	Protective Measures
Less than 91°F	Lower (Caution)	Basic heat safety and planning
91°F to 103°F	Moderate	Implement precautions and heighten awareness
103°F to 115°F	High	Additional precautions to protect workers
Greater than 115°F	Very High to Extreme	Triggers even more aggressive protective measures

**Utilities (Under Ground and Above Ground):** Low Hazard. All boring locations will be hand drilled 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.

## COVID-19 FIELD WORK PREVENTION GUIDELINES

The following guidelines were prepared to prevent COVID-19 transmission while performing essential field work activities at the Site:

1. **Stay at least 6 feet from others** whenever possible. Avoid, or at least **minimize close contact with others**. Close contact means being within 6 feet of someone else for more than 15 minutes. By CDC guidelines, it doesn't matter if you are wearing face covering or not to be consider as being in close contact. Even with face covering, being close for extended periods of time, can greatly increase your risk of exposure. *Keep your distance even when wearing face covering or PPE.*
2. **Wear face covering in public and anytime you will interface with others**, regardless of time. *Distance and face covering are likely the two best methods available to minimize exposures.*

3. **Wash your hands frequently and avoid touching your face, nose and mouth with unwashed hands.** Also, don't be fooled into a false sense of security, believing gloves will fully protect you from COVID-19. Even when you wear gloves for protection against chemicals, you still need to wash your hands to minimize exposure.

Be careful when putting on and taking off PPE to be sure we do not contaminate our hands in the process and then touch our face, nose or mouth with unwashed hands. In doing so, we defeat the purpose of wearing PPE. *Also, don't overdo the hand sanitizer – choose to use soap and water as much as possible.*

4. **Clean and disinfect surfaces you come into contact and minimize touching commonly used surfaces whenever possible.** Cleaning and disinfecting surfaces would not be as important if everyone were wearing face covering and washing their hands more regularly. But because individual behaviors vary quite a bit, we need to do what we can to protect ourselves and others by routinely cleaning and disinfecting the things we touch. How often will depend on how often you touch a surface or object and whether others are likely to come into contact with it as well. *Cleaning and disinfecting helps reduce exposure, but don't rely on it as a replacement for distancing, face covering and hand washing.*
5. **Monitor your own health** for COVID-19 symptoms and **stay at home**, away from others, if symptoms develop. The sooner you self-isolate, the more you lessen the chance of spreading it to others, regardless of whether it is COVID-19, the flu or some other contagion.

## **8.0 EXPOSURE MONITORING**

The following substances are known or suspected to be on site. The primary hazards of each are identified as follow:

<u>Substances</u>	<u>Concentration</u>	<u>Primary Hazards</u>
Volatile Organic Compounds	Various	Ingestion, inhalation, skin
Total Petroleum Hydrocarbons	Various	Ingestion, inhalation, skin

VOCs: 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 organics are known to cause cancer in humans.

The SSO will monitor on-site worker exposure to airborne contaminants during intrusive site activities. Measurements should be taken within the breathing zones of workers. A photoionization device (PID) will be used to 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.

TPH: A complex blend of petroleum-derived normal and branched-chain alkane, cycloalkane, alkene, and aromatic hydrocarbons. May include benzene and its derivatives, sulfur, and naphthalene. Danger of serious damage to health by prolonged exposure in contact with skin. Possible risk of harm to the unborn child. Repeated exposure 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. Prolonged or repeated contact with skin may cause redness, itching, irritation, eczema/chapping and oil acne.

Components of the product may be absorbed into the body through the skin. Prolonged and repeated contact with the product may cause skin cancer. May cause damage to the liver. Use proper PPE when handling TPH impacted materials.

## ACTION LEVELS AND EXPOSURE LIMITS

### VOCs:

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) for all types of these materials is not applicable. The OSHA Permissible Exposure Limit (PEL) for compounds commonly present in TPH-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 (VOCs): 100 ppm<sub>v</sub> PEL

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 (e.g. soils, groundwater, sludge) 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:

<u>Location</u>	<u>Job Function</u>	<u>Level of Protection</u>
Controlled Area	All Workers	A B C <b>D</b> Other

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

### **Level A**

Fully-encapsulating suit  
 SCBA  
 Disposable coveralls

### **Level C**

Splash gear  
 Half-face canister respirator with H<sub>2</sub>S/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.

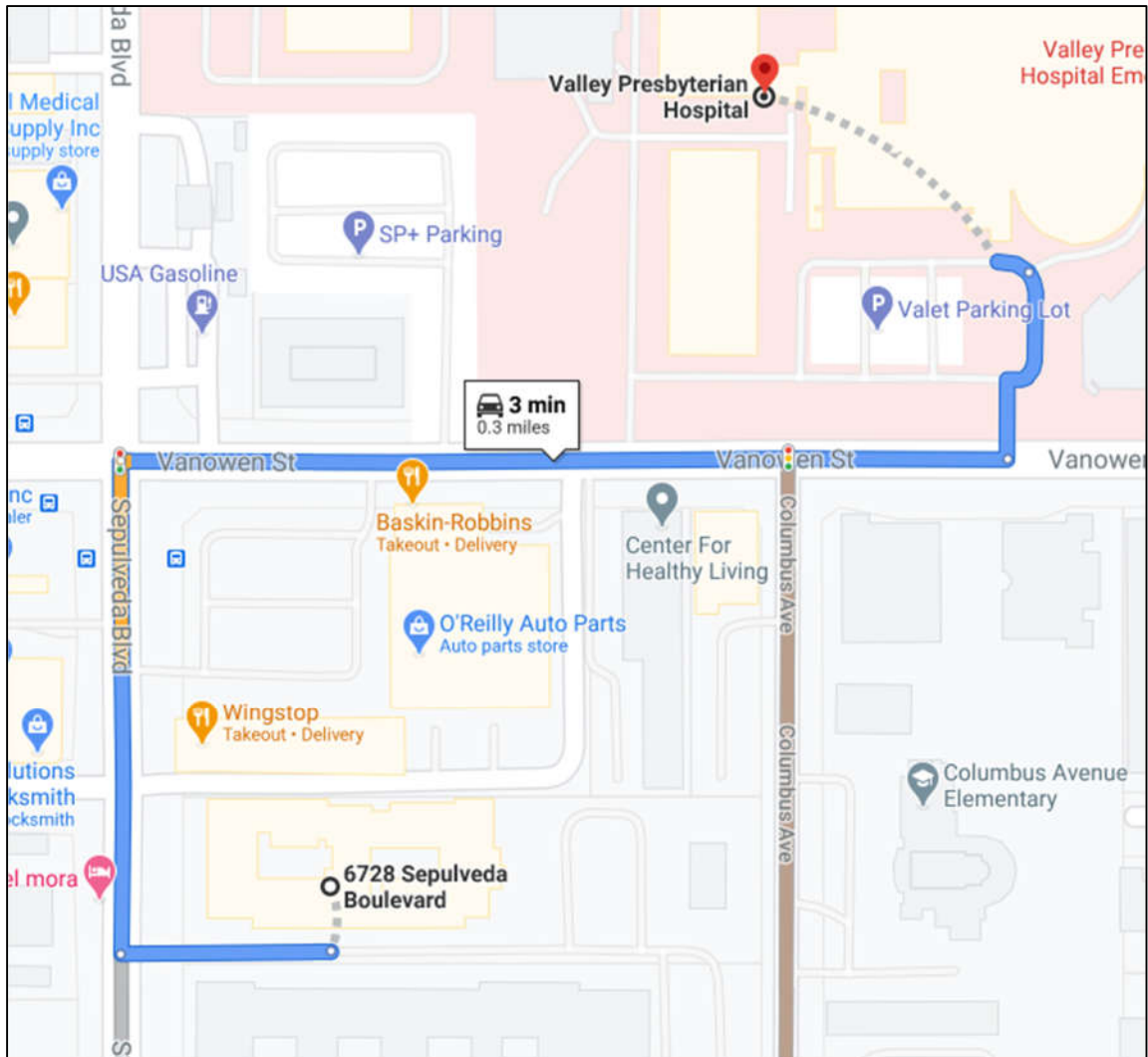
**FIGURE 1.0 – EVACUATION ROUTE AND REFUGE AREA**



**FIGURE 2.0 – DESIGNATED MEDICAL FACILITY**

The designated medical facility is:

Valley Presbyterian Hospital  
 15107 Vanowen Street  
 Van Nuys, California 91405  
 Telephone: (818) 782-6600



Directions:

Head west toward Sepulveda Blvd  
 Turn right onto Sepulveda Blvd  
 Turn Right onto Vanowen St  
 Turn left into hospital parking lot  
 Destination will be to your front

489 feet  
 0.2 miles  
 207 feet



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**

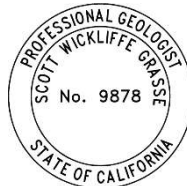
Police/Fire  
 Hospital

911  
 (805) 497-2727

This HASP has been prepared by:

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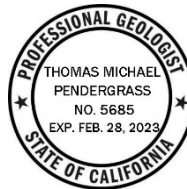
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## **Appendix B**

### **Boring Logs**

Boring I.D. <b>B1</b>		Project No. <b>0950.1013.0</b>		Project Name <b>Phase II Subsurface Investigation</b>					
Location <b>8728 Sepulveda Blvd, Van Nuys</b>				Logged By: <b>TZ</b>					
Drilling Method <b>Direct Push</b>		Driller <b>Choice Drilling</b>		Checked By:					
Drilling Date <b>02-23-21</b>		Start Time <b>0727</b>		Completion Time <b>0757</b>		Backfilling <b>Bentonite</b>		Total Depth <b>25'</b>	Depth to Groundwater <b>N/A</b>
Depth (feet)	Time.	Sample Type	Sample I.D.	PID (ppb)	Blow Count	USCS	Soil Description		
1							3" Asphalt		
2									
3									
4									
5	0731	B1-5	0.115			ML	Silt, Dry, Soft, Friable, Med. Brown, 10YR 4/3		
6									
7									
8									
9									
10	0733	B1-10	0.143			ML	10YR 5/4		
11									
12									
13									
14									
15	0746	B1-10	0.100			ML			
16									
17									
18									
19									
20	0748	B1-20	0.366			ML			
21									
22									
23									
24									
25	0755	B1-25	0.412			ML	Silt, Dry, Loose, Very L. Brown, 10YR 7/2		

Probes set at 15' + 25' @ 0815


5'

10'

CITADEL EHS 15'

20'

BORING LOG 25'

Boring I.D. <b>B2</b>		Project No. 0950.1013.0		Project Name Phase II Subsurface Investigation			
Location 8728 Sepulveda Blvd, Van Nuys				Logged By: <b>TL</b>			
Drilling Method Direct Push		Driller Choice Drilling		Checked By:			
Drilling Date <b>02-23-21</b>		Start Time <b>0835</b>		Completion Time		Backfilling <b>Bentonite</b>	
						Total Depth <b>25'</b>	
						Depth to Groundwater <b>N/A</b>	
Depth (feet)	Time	Sample Type	Sample I.D.	PID (ppb)	Blow Count	USCS	Soil Description
1							3" Asphalt
2							
3							
4							
5	<b>0838</b>	<b>B2-5</b>	<b>4829</b>	<b>~ odor</b>		<b>ML</b>	<b>Clayey Silt, Moist, SHA, Dark Brown, 7.5Y 3/2</b> <b>Observed Slight Odor + Dark Staining</b>
6							
7							
8							
9							
10	<b>0841</b>	<b>B2-10</b>	<b>1.117</b>			<b>ML</b>	<b>Silt, Dry, HA, M. Brown, 10YR 5/4</b>
11							
12							
13							
14							
15	<b>0844</b>	<b>B2-15</b>	<b>1.923</b>			<b>ML</b>	<b>Silt, Dry, HA, M. Brown,</b>
16							
17							
18							
19							
20	<b>0847</b>	<b>B2-20</b>	<b>1.343</b>			<b>ML</b>	
21							
22							
23							
24							
25	<b>0850</b>	<b>B2-25</b>	<b>0.119</b>			<b>ML</b>	<b>Silt, Dry, LO, L. Brown, 10YR 7/3</b>


5'

10'

15'  
CITADEL EHS

20'

22'  
BORING LOG

Boring I.D. <b>B3</b>		Project No. <b>0950.1013.0</b>		Project Name <b>Phase II Subsurface Investigation</b>					
Location <b>8728 Sepulveda Blvd, Van Nuys</b>				Logged By: <b>TL</b>					
Drilling Method <b>Direct Push</b>		Driller <b>Choice Drilling</b>		Checked By:					
Drilling Date <b>02-23-21</b>		Start Time <b>0900</b>		Completion Time <b>0940</b>		Backfilling <b>Bentonite</b>		Total Depth <b>22'</b>	Depth to Groundwater <b>N/A</b>
Depth (feet)	Time	Sample Type	Sample I.D.	PID (ppb)	Blow Count	USCS	Soil Description		
1									
2									
3									
4									
5	0909	B3-5	0.0			ML	Silt, SMT, FR, Soft, M. Brown, 10YR5/3		
6									
7									
8									
9									
10	0917	B3-10	0.0			ML	10YR5/4		
11									
12									
13									
14									
15	0923	B3-15	0.065			ML	Silt, Dry, SHA, M. Brown, 2.5Y6/4		
16									
17									
18									
19									
20	0930	B3-20	0.000			ML			
21									
22	0940	B3-22	0.0			ML	1.5Y5/4		
23									
24									
25	0945						Probes set at 15' + 22' @ 1000		

5'


10'

CITADEL EHS

15'

20'

BORING LOG

Boring I.D. <b>B4</b>		Project No. <b>0950.1013.0</b>		Project Name <b>Phase II Subsurface Investigation</b>		 <b>CITADEL EHS</b> assess resolve strengthen			
Location <b>8728 Sepulveda Blvd, Van Nuys</b>				Logged By: <b>TZ</b>					
Drilling Method <b>Direct Push</b>		Driller <b>Choice Drilling</b>		Checked By:					
Drilling Date <b>02-23-21</b>		Start Time <b>0900</b>		Completion Time		Backfilling		Total Depth <b>22'</b>	Depth to Groundwater
Depth (feet)	Time	Sample Type	Sample I.D.	PID (ppb)	Blow Count	USCS	Soil Description		
1									
2									
3									
4									
5	0806	B4-5	0.865			ML	Silt, SMT, FR, NST, NPL, M. Brown, 10YR4/4		
6									
7									
8									
9									
10	0811	B4-10	1.102			ML			
11									
12									
13									
14									
15	0818	B4-15	1.367			CL	<del>Clay</del> Silty Clay, SMT, FR, NST, NPL, M. Brown, 10YR4/4		
16									
17									
18									
19									
20	0824	B4-20	0.022			ML	Silt, Dry, Soft, FR, M. Brown, 10YR5/4		
21									
22	0831	B4-22	0.0			ML	Refusal @ 22'		
23									
24									
25									
							Probes set at 15' + 22' @ 0845		




5'

10'

15'  
CITADEL EHS

20'

25'  
BORING LOG

Boring I.D. <b>B5</b>		Project No. <b>0950.1013.0</b>		Project Name <b>Phase II Subsurface Investigation</b>		 <b>CITADEL EHS</b> assess resolve strengthen			
Location <b>8728 Sepulveda Blvd, Van Nuys</b>				Logged By: <b>TL</b>					
Drilling Method <b>Direct Push</b>		Driller <b>Choice Drilling</b>		Checked By:					
Drilling Date <b>02-23-21</b>		Start Time <b>0955</b>		Completion Time <b>1016</b>		Backfilling <b>Bentonite</b>		Total Depth <b>25'</b>	Depth to Groundwater <b>N/A</b>
Depth (feet)	Time	Sample Type	Sample I.D.	PID (ppb)	Blow Count	USCS	Soil Description		
1									
2									
3									
4									
5	1003	B5-5	1.391			ML	Silt, Dry, SHA, Greyish Brown, 2.5Y5/3		
6									
7									
8									
9									
10	1006	B5-10	1.989			ML			
11									
12									
13									
14									
15	1008	B5-15	5.871			ML	Silt, SMT, w/small Gravel, Clayey, NPL, NST M. Brown, 2.5Y4/3		
16									
17									
18									
19									
20	1012	B5-20	2.459			ML			
21									
22									
23									
24									
25	1016	B5-25	1.509			SP	Pg Fine Sand, SMT, LO, L. Brown, 2.5Y7/3 Probes set at 15' + 25' @ 1030		


5'

10'

15'  
CITADEL EHS

20'

25'  
BORING LOG

Boring I.D. <b>B6</b>		Project No. <b>0950.1013.0</b>		Project Name <b>Phase II Subsurface Investigation</b>		 <b>CITADEL EHS</b> <small>assess resolve strengthen</small>			
Location <b>8728 Sepulveda Blvd, Van Nuys</b>				Logged By: <b>TL</b>					
Drilling Method <b>Direct Push</b>		Driller <b>Choice Drilling</b>		Checked By:					
Drilling Date <b>02-23-21</b>		Start Time <b>1120</b>		Completion Time <b>1150</b>		Backfilling <b>Bentonite</b>		Total Depth <b>25'</b>	Depth to Groundwater <b>N/A</b>
Depth (feet)	Time	Sample Type	Sample I.D.	PID (ppb)	Blow Count	USCS	Soil Description		
1									
2									
3									
4									
5	1125	B6-5	<del>1565</del>	0.0		ML	Silt, Dry, HA, Greyish Brown,		
6									
7									
8									
9									
10	1132	B6-10		0.268		ML	Silt, Dry, Loose, Greyish Brown,		
11									
12									
13									
14									
15	1135	B6-15		0.232		ML	Silt, Dry, HA, Greyish Brown		
16									
17									
18									
19									
20	1139	B6-20		0.114		ML			
21									
22									
23									
24									
25	1148	B6-25		0.0		ML	Very Hard		



CITADEL EHS  
PROJECT DOCUMENTATION



CLIENT	UNCOMMON DEVELOPERS	PAGE	1 OF 2
PROJECT NUMBER	0950.1013.0	CITADEL FIELD REPRESENTATIVE	Tim Lambert (818) 749-0819
PROJECT NAME	Phase II Subsurface Investigation	CONTRACTOR	Choice Drilling
PROJECT WORK AREA	Two story residential with courtyards, and asphalt parking lot	CITADEL PROJECT MANAGER	Scott Grasse (562) 547-3061
PROJECT LOCATION	8728 Sepulveda Blvd, Van Nuys		

TIME	FIELD NOTES
0640	Citadel on site. Meet with owner, Brian, and walk the site to survey boring locations and discuss logistics.
0700	Choice arrives on site. Discuss scope of work. Conduct safety meeting and review HASP.
0710	Begin setup.
0727	Drilling begins at B1. Second crew begins setup and hand auger at B4 in the west courtyard.
0800	Drilling begins at B4. Begin setting probes at B1.
0815	B1 probes set at 15' + 25'.
0831	Drilling complete at B4. Begin setting probes.
0835	Drilling begins at B2. B4 refusal at 22'.
0855	B2 is complete. Begin setting probes. Drilling begins at B3.
0940	B3 is complete. Begin setting probes. During hand augering at B5, the crew encountered a solid obstruction. This is located at the transformer approx. 4' east. The obstruction is at 3' depth. Crew begins hand augering at the alternate location approx. 40' to the SW.
1016	B5 is complete. Begin setting probes. Begin hand augering B6.
1025	Drilling begins at B6.
1100	Full depth is reached though there was no soil recovery at the depths.
1110	Crew begins hand augering the alternate location for B6 at the SW corner of the property.
CITADEL REPRESENTATIVE: Tim Lambert	
DAY: Tuesday	
SIGNATURE: <i>Tim Lambert</i>	
DATE: 02-23-21	



## **Appendix C**

### **Citadel Field Notes**

CITADEL EHS  
PROJECT DOCUMENTATION



CLIENT	UNCOMMON DEVELOPERS	PAGE	1 OF 2
PROJECT NUMBER	0950.1013.0	CITADEL FIELD REPRESENTATIVE	Tim Lambert (818) 749-0819
PROJECT NAME	Phase II Subsurface Investigation	CONTRACTOR	Choice Drilling
PROJECT WORK AREA	Two story residential with courtyards, and asphalt parking lot	CITADEL PROJECT MANAGER	Scott Grasse (562) 547-3061
PROJECT LOCATION	8728 Sepulveda Blvd, Van Nuys		

TIME	FIELD NOTES
0640	Citadel on site. Meet with owner, Brian, and walk the site to survey boring locations and discuss logistics.
0700	Choice arrives on site. Discuss scope of work. Conduct safety meeting and review HASP.
0710	Begin setup.
0727	Drilling begins at B1. Second crew begins setup and hand auger at B4 in the west courtyard.
0800	Drilling begins at B4. Begin setting probes at B1.
0815	B1 probes set at 15' + 25'.
0831	Drilling complete at B4. Begin setting probes.
0835	Drilling begins at B2. B4 refusal at 22'.
0855	B2 is complete. Begin setting probes. Drilling begins at B3.
0940	B3 is complete. Begin setting probes. During hand augering at B5, the crew encountered a solid obstruction. This is located at the transformer approx. 4' east. The obstruction is at 3' depth. Crew begins hand augering at the alternate location approx. 40' to the SW.
1016	B5 is complete. Begin setting probes. Begin hand augering B6.
1025	Drilling begins at B6.
1100	Full depth is reached though there was no soil recovery at the depths.
1110	Crew begins hand augering the alternate location for B6 at the SW corner of the property.
CITADEL REPRESENTATIVE: Tim Lambert	
DAY: Tuesday	
SIGNATURE: <i>Tim Lambert</i>	
DATE: 02-23-21	





## **Appendix D**

# **Laboratory Reports and Chain of Custody Documentation**

## ANALYTICAL REPORT

Eurofins Calscience LLC  
7440 Lincoln Way  
Garden Grove, CA 92841  
Tel: (714)895-5494

Laboratory Job ID: 570-51910-1  
Client Project/Site: 8728 Sepulveda Blvd.

For:  
Citadel Environmental Services Inc  
1725 Victory Blvd  
Glendale, California 91201

Attn: Scott Grasse



Authorized for release by:  
2/26/2021 5:06:20 PM

Don Burley, Senior Project Manager  
(714)895-5494  
[Donald.Burley@eurofinset.com](mailto:Donald.Burley@eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Definitions/Glossary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

### Qualifiers

#### Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Case Narrative

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

**Job ID: 570-51910-1**

**Laboratory: Eurofins Calscience LLC**

## Narrative

**Job Narrative**  
**570-51910-1**

## Comments

No additional comments.

## Receipt

The samples were received on 2/23/2021 5:34 PM. Unless otherwise noted below, the samples arrived in good condition.

## Air Toxics

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

Client Sample ID: B1-15V

Lab Sample ID: 570-51910-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	160		12	0.94	ug/m3	1		TO-15	Total/NA
Benzene	7.5		1.6	0.50	ug/m3	1		TO-15	Total/NA
2-Butanone	120		4.4	1.2	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.61	J	16	0.58	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.33	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	7.1		2.5	0.98	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	5.8		2.3	0.64	ug/m3	1		TO-15	Total/NA
Di-isopropyl ether (DIPE)	1.9	J	8.4	1.5	ug/m3	1		TO-15	Total/NA
Ethylbenzene	4.9		2.2	1.1	ug/m3	1		TO-15	Total/NA
Isopropanol	57	J	120	0.96	ug/m3	1		TO-15	Total/NA
Methylene Chloride	12	J	17	1.9	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone	3.2	J	6.1	2.3	ug/m3	1		TO-15	Total/NA
m,p-Xylene	16		8.7	2.7	ug/m3	1		TO-15	Total/NA
o-Xylene	5.7		2.2	0.86	ug/m3	1		TO-15	Total/NA
Styrene	3.2	J	6.4	2.3	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	3.6	J	15	1.1	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	4.0		3.4	1.1	ug/m3	1		TO-15	Total/NA
Toluene	47		19	0.50	ug/m3	1		TO-15	Total/NA
Trichloroethene	4.2		2.7	0.96	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	11		5.6	1.3	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	3.6	J	7.4	1.6	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.2	J	2.5	1.0	ug/m3	1		TO-15	Total/NA

Client Sample ID: B1-25V

Lab Sample ID: 570-51910-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	96		12	0.94	ug/m3	1		TO-15	Total/NA
Benzene	2.0		1.6	0.50	ug/m3	1		TO-15	Total/NA
2-Butanone	67		4.4	1.2	ug/m3	1		TO-15	Total/NA
Chloroethane	1.4		1.3	0.45	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.33	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	7.2		2.5	0.98	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	5.6		2.3	0.64	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.4		2.2	1.1	ug/m3	1		TO-15	Total/NA
2-Hexanone	2.6	J	6.1	2.6	ug/m3	1		TO-15	Total/NA
Isopropanol	44	J	120	0.96	ug/m3	1		TO-15	Total/NA
Methylene Chloride	9.8	J	17	1.9	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone	4.1	J	6.1	2.3	ug/m3	1		TO-15	Total/NA
m,p-Xylene	6.4	J	8.7	2.7	ug/m3	1		TO-15	Total/NA
o-Xylene	2.7		2.2	0.86	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	3.4	J	15	1.1	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	5.1		3.4	1.1	ug/m3	1		TO-15	Total/NA
Toluene	29		19	0.50	ug/m3	1		TO-15	Total/NA
Trichloroethene	3.7		2.7	0.96	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	12		5.6	1.3	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.9	J	7.4	1.6	ug/m3	1		TO-15	Total/NA

Client Sample ID: B2-15V

Lab Sample ID: 570-51910-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	100		12	0.94	ug/m3	1		TO-15	Total/NA
Benzene	3.5		1.6	0.50	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Client Sample ID: B2-15V (Continued)

## Lab Sample ID: 570-51910-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	73		4.4	1.2	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.70	J	16	0.58	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	1.5	J	3.0	1.5	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	5.7		2.5	0.98	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	4.6		2.3	0.64	ug/m3	1		TO-15	Total/NA
Ethylbenzene	4.1		2.2	1.1	ug/m3	1		TO-15	Total/NA
Isopropanol	47	J	120	0.96	ug/m3	1		TO-15	Total/NA
Methylene Chloride	9.2	J	17	1.9	ug/m3	1		TO-15	Total/NA
m,p-Xylene	11		8.7	2.7	ug/m3	1		TO-15	Total/NA
o-Xylene	4.4		2.2	0.86	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	3.2	J	15	1.1	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	17		3.4	1.1	ug/m3	1		TO-15	Total/NA
Toluene	32		19	0.50	ug/m3	1		TO-15	Total/NA
Trichloroethene	3.5		2.7	0.96	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	4.6	J	5.6	1.3	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	3.0	J	7.4	1.6	ug/m3	1		TO-15	Total/NA

## Client Sample ID: B2-25V

## Lab Sample ID: 570-51910-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	95		12	0.94	ug/m3	1		TO-15	Total/NA
Benzene	2.6		1.6	0.50	ug/m3	1		TO-15	Total/NA
2-Butanone	51		4.4	1.2	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.33	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	1.7	J	3.0	1.5	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	6.1		2.5	0.98	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	3.6		2.3	0.64	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.3		2.2	1.1	ug/m3	1		TO-15	Total/NA
Isopropanol	51	J	120	0.96	ug/m3	1		TO-15	Total/NA
Methylene Chloride	7.3	J	17	1.9	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone	3.9	J	6.1	2.3	ug/m3	1		TO-15	Total/NA
m,p-Xylene	6.4	J	8.7	2.7	ug/m3	1		TO-15	Total/NA
o-Xylene	2.6		2.2	0.86	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	2.5	J	15	1.1	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	29		3.4	1.1	ug/m3	1		TO-15	Total/NA
Toluene	23		19	0.50	ug/m3	1		TO-15	Total/NA
Trichloroethene	2.6	J	2.7	0.96	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	4.9	J	5.6	1.3	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.3	J	7.4	1.6	ug/m3	1		TO-15	Total/NA

## Client Sample ID: B3-15V

## Lab Sample ID: 570-51910-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	58		12	0.94	ug/m3	1		TO-15	Total/NA
Benzene	5.1		1.6	0.50	ug/m3	1		TO-15	Total/NA
2-Butanone	42		4.4	1.2	ug/m3	1		TO-15	Total/NA
Chloromethane	0.41	J	1.0	0.33	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	1.9	J	3.0	1.5	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	3.7		2.5	0.98	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	3.7		2.3	0.64	ug/m3	1		TO-15	Total/NA
1,1-Difluoroethane	4.6	J	5.4	0.99	ug/m3	1		TO-15	Total/NA
Ethylbenzene	4.6		2.2	1.1	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Client Sample ID: B3-15V (Continued)

## Lab Sample ID: 570-51910-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropanol	46	J	120	0.96	ug/m3	1		TO-15	Total/NA
Methylene Chloride	8.7	J	17	1.9	ug/m3	1		TO-15	Total/NA
m,p-Xylene	14		8.7	2.7	ug/m3	1		TO-15	Total/NA
o-Xylene	6.1		2.2	0.86	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	2.6	J	15	1.1	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	190		3.4	1.1	ug/m3	1		TO-15	Total/NA
Toluene	32		19	0.50	ug/m3	1		TO-15	Total/NA
Trichloroethene	3.0		2.7	0.96	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	4.4	J	5.6	1.3	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	4.0	J	7.4	1.6	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.2	J	2.5	1.0	ug/m3	1		TO-15	Total/NA

## Client Sample ID: B3-22V

## Lab Sample ID: 570-51910-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	13		1.6	0.50	ug/m3	1		TO-15	Total/NA
2-Butanone	35		4.4	1.2	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.62	J	16	0.58	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	1.5	J	3.0	1.5	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	4.2		2.5	0.98	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	3.6		2.3	0.64	ug/m3	1		TO-15	Total/NA
Ethylbenzene	3.1		2.2	1.1	ug/m3	1		TO-15	Total/NA
Isopropanol	46	J	120	0.96	ug/m3	1		TO-15	Total/NA
Methylene Chloride	8.3	J	17	1.9	ug/m3	1		TO-15	Total/NA
m,p-Xylene	8.9		8.7	2.7	ug/m3	1		TO-15	Total/NA
o-Xylene	3.7		2.2	0.86	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	2.5	J	15	1.1	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	130		3.4	1.1	ug/m3	1		TO-15	Total/NA
Toluene	32		19	0.50	ug/m3	1		TO-15	Total/NA
Trichloroethene	3.0		2.7	0.96	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	5.0	J	5.6	1.3	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.8	J	7.4	1.6	ug/m3	1		TO-15	Total/NA
Acetone - DL	350		30	2.4	ug/m3	2.5		TO-15	Total/NA

## Client Sample ID: B4-15V

## Lab Sample ID: 570-51910-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	160		12	0.94	ug/m3	1		TO-15	Total/NA
Benzene	4.6		1.6	0.50	ug/m3	1		TO-15	Total/NA
2-Butanone	27		4.4	1.2	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.59	J	16	0.58	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.6		2.5	0.98	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	3.6		2.3	0.64	ug/m3	1		TO-15	Total/NA
1,1-Difluoroethane	1.8	J	5.4	0.99	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.5	J	2.2	1.1	ug/m3	1		TO-15	Total/NA
Isopropanol	40	J	120	0.96	ug/m3	1		TO-15	Total/NA
Methylene Chloride	8.5	J	17	1.9	ug/m3	1		TO-15	Total/NA
m,p-Xylene	4.6	J	8.7	2.7	ug/m3	1		TO-15	Total/NA
o-Xylene	1.9	J	2.2	0.86	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	2.1	J	15	1.1	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	52		3.4	1.1	ug/m3	1		TO-15	Total/NA
Toluene	23		19	0.50	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Client Sample ID: B4-15V (Continued)

## Lab Sample ID: 570-51910-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	2.7		2.7	0.96	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.5	J	5.6	1.3	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.7	J	7.4	1.6	ug/m3	1		TO-15	Total/NA

## Client Sample ID: B4-22V

## Lab Sample ID: 570-51910-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	76		12	0.94	ug/m3	1		TO-15	Total/NA
Benzene	3.7		1.6	0.50	ug/m3	1		TO-15	Total/NA
2-Butanone	27		4.4	1.2	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.4	J	2.5	0.98	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	3.3		2.3	0.64	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.9	J	2.2	1.1	ug/m3	1		TO-15	Total/NA
Isopropanol	40	J	120	0.96	ug/m3	1		TO-15	Total/NA
Methylene Chloride	8.0	J	17	1.9	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone	3.7	J	6.1	2.3	ug/m3	1		TO-15	Total/NA
m,p-Xylene	5.3	J	8.7	2.7	ug/m3	1		TO-15	Total/NA
o-Xylene	2.2		2.2	0.86	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	1.6	J	15	1.1	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	480		3.4	1.1	ug/m3	1		TO-15	Total/NA
Toluene	23		19	0.50	ug/m3	1		TO-15	Total/NA
Trichloroethene	2.9		2.7	0.96	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.5	J	5.6	1.3	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.0	J	7.4	1.6	ug/m3	1		TO-15	Total/NA

## Client Sample ID: B5-15V

## Lab Sample ID: 570-51910-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	18		1.6	0.50	ug/m3	1		TO-15	Total/NA
2-Butanone	36		4.4	1.2	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.3	J	16	0.58	ug/m3	1		TO-15	Total/NA
Chloromethane	65		1.0	0.33	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	2.2	J	2.3	0.64	ug/m3	1		TO-15	Total/NA
Ethylbenzene	4.4		2.2	1.1	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	1.2	J	2.5	1.2	ug/m3	1		TO-15	Total/NA
Isopropanol	48	J	120	0.96	ug/m3	1		TO-15	Total/NA
Methylene Chloride	7.0	J	17	1.9	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone	10		6.1	2.3	ug/m3	1		TO-15	Total/NA
m,p-Xylene	15		8.7	2.7	ug/m3	1		TO-15	Total/NA
o-Xylene	5.4		2.2	0.86	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	3.3	J	15	1.1	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	20		3.4	1.1	ug/m3	1		TO-15	Total/NA
Toluene	110		19	0.50	ug/m3	1		TO-15	Total/NA
Trichloroethene	2.2	J	2.7	0.96	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4	J	5.6	1.3	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	7.1	J	7.4	1.6	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	2.0	J	2.5	1.0	ug/m3	1		TO-15	Total/NA
Acetone - DL	450		30	2.4	ug/m3	2.5		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

# Detection Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Client Sample ID: B5-25V

## Lab Sample ID: 570-51910-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	61		12	0.94	ug/m3	1		TO-15	Total/NA
Benzene	40		1.6	0.50	ug/m3	1		TO-15	Total/NA
2-Butanone	19		4.4	1.2	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.93	J	16	0.58	ug/m3	1		TO-15	Total/NA
Chloromethane	0.70	J	1.0	0.33	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	3.0		2.3	0.64	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.7		2.2	1.1	ug/m3	1		TO-15	Total/NA
Isopropanol	72	J	120	0.96	ug/m3	1		TO-15	Total/NA
Methylene Chloride	7.1	J	17	1.9	ug/m3	1		TO-15	Total/NA
m,p-Xylene	7.0	J	8.7	2.7	ug/m3	1		TO-15	Total/NA
o-Xylene	2.6		2.2	0.86	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	130		3.4	1.1	ug/m3	1		TO-15	Total/NA
Toluene	44		19	0.50	ug/m3	1		TO-15	Total/NA
Trichloroethene	3.7		2.7	0.96	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.5	J	5.6	1.3	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.9	J	7.4	1.6	ug/m3	1		TO-15	Total/NA

## Client Sample ID: B6-15V

## Lab Sample ID: 570-51910-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	160		12	0.94	ug/m3	1		TO-15	Total/NA
Benzene	3.7		1.6	0.50	ug/m3	1		TO-15	Total/NA
2-Butanone	27		4.4	1.2	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.65	J	16	0.58	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.1	J	2.5	0.98	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	3.5		2.3	0.64	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.5		2.2	1.1	ug/m3	1		TO-15	Total/NA
Isopropanol	58	J	120	0.96	ug/m3	1		TO-15	Total/NA
Methylene Chloride	7.9	J	17	1.9	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone	4.4	J	6.1	2.3	ug/m3	1		TO-15	Total/NA
m,p-Xylene	7.6	J	8.7	2.7	ug/m3	1		TO-15	Total/NA
o-Xylene	2.9		2.2	0.86	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	4.6	J	15	1.1	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	22		3.4	1.1	ug/m3	1		TO-15	Total/NA
Toluene	29		19	0.50	ug/m3	1		TO-15	Total/NA
Trichloroethene	3.9		2.7	0.96	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6	J	5.6	1.3	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.9	J	7.4	1.6	ug/m3	1		TO-15	Total/NA

## Client Sample ID: B6-25V

## Lab Sample ID: 570-51910-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	170		12	0.94	ug/m3	1		TO-15	Total/NA
Benzene	6.7		1.6	0.50	ug/m3	1		TO-15	Total/NA
2-Butanone	30		4.4	1.2	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.6	J	16	0.58	ug/m3	1		TO-15	Total/NA
Chloromethane	0.98	J	1.0	0.33	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.0	J	2.5	0.98	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethene	2.9		2.0	0.69	ug/m3	1		TO-15	Total/NA
1,2-Dichloropropane	2.6		2.3	0.64	ug/m3	1		TO-15	Total/NA
1,1-Difluoroethane	1.4	J	5.4	0.99	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.4		2.2	1.1	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

## Detection Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

Client Sample ID: B6-25V (Continued)

Lab Sample ID: 570-51910-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropanol	42	J	120	0.96	ug/m3	1		TO-15	Total/NA
Methylene Chloride	7.2	J	17	1.9	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone	4.2	J	6.1	2.3	ug/m3	1		TO-15	Total/NA
m,p-Xylene	6.6	J	8.7	2.7	ug/m3	1		TO-15	Total/NA
o-Xylene	2.5		2.2	0.86	ug/m3	1		TO-15	Total/NA
Styrene	2.4	J	6.4	2.3	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol (TBA)	4.2	J	15	1.1	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	29		3.4	1.1	ug/m3	1		TO-15	Total/NA
Toluene	22		19	0.50	ug/m3	1		TO-15	Total/NA
Trichloroethene	2.6	J	2.7	0.96	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7	J	5.6	1.3	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.6	J	7.4	1.6	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC



# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

Client Sample ID: B1-15V

Date Collected: 02/23/21 12:45

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-31

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	160		12	0.94	ug/m3			02/23/21 23:34	1
Benzene	7.5		1.6	0.50	ug/m3			02/23/21 23:34	1
Benzyl chloride	ND		7.8	2.7	ug/m3			02/23/21 23:34	1
Bromodichloromethane	ND		3.4	0.74	ug/m3			02/23/21 23:34	1
Bromoform	ND		5.2	1.8	ug/m3			02/23/21 23:34	1
Bromomethane	ND		1.9	0.54	ug/m3			02/23/21 23:34	1
2-Butanone	120		4.4	1.2	ug/m3			02/23/21 23:34	1
Carbon disulfide	0.61	J	16	0.58	ug/m3			02/23/21 23:34	1
Carbon tetrachloride	ND		3.1	1.3	ug/m3			02/23/21 23:34	1
Chlorobenzene	ND		2.3	0.60	ug/m3			02/23/21 23:34	1
Chloroethane	ND		1.3	0.45	ug/m3			02/23/21 23:34	1
Chloroform	ND		2.4	0.78	ug/m3			02/23/21 23:34	1
Chloromethane	1.4		1.0	0.33	ug/m3			02/23/21 23:34	1
cis-1,2-Dichloroethene	ND		2.0	0.54	ug/m3			02/23/21 23:34	1
cis-1,3-Dichloropropene	ND		2.3	0.98	ug/m3			02/23/21 23:34	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			02/23/21 23:34	1
1,2-Dibromo-3-Chloropropane	ND		14	2.8	ug/m3			02/23/21 23:34	1
1,2-Dibromoethane	ND		3.8	1.3	ug/m3			02/23/21 23:34	1
1,2-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/23/21 23:34	1
1,3-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/23/21 23:34	1
1,4-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/23/21 23:34	1
Dichlorodifluoromethane	7.1		2.5	0.98	ug/m3			02/23/21 23:34	1
1,1-Dichloroethane	ND		2.0	0.42	ug/m3			02/23/21 23:34	1
1,2-Dichloroethane	ND		2.0	0.59	ug/m3			02/23/21 23:34	1
1,1-Dichloroethene	ND		2.0	0.69	ug/m3			02/23/21 23:34	1
1,2-Dichloropropane	5.8		2.3	0.64	ug/m3			02/23/21 23:34	1
Dichlorotetrafluoroethane	ND		14	1.3	ug/m3			02/23/21 23:34	1
1,1-Difluoroethane	ND		5.4	0.99	ug/m3			02/23/21 23:34	1
Di-isopropyl ether (DIPE)	1.9	J	8.4	1.5	ug/m3			02/23/21 23:34	1
Ethylbenzene	4.9		2.2	1.1	ug/m3			02/23/21 23:34	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	1.2	ug/m3			02/23/21 23:34	1
4-Ethyltoluene	ND		2.5	1.2	ug/m3			02/23/21 23:34	1
Hexachloro-1,3-butadiene	ND		16	6.2	ug/m3			02/23/21 23:34	1
2-Hexanone	ND		6.1	2.6	ug/m3			02/23/21 23:34	1
Isopropanol	57	J	120	0.96	ug/m3			02/23/21 23:34	1
Methylene Chloride	12	J	17	1.9	ug/m3			02/23/21 23:34	1
4-Methyl-2-pentanone	3.2	J	6.1	2.3	ug/m3			02/23/21 23:34	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	1.2	ug/m3			02/23/21 23:34	1
m,p-Xylene	16		8.7	2.7	ug/m3			02/23/21 23:34	1
n-Butylbenzene	ND		8.2	2.3	ug/m3			02/23/21 23:34	1
o-Xylene	5.7		2.2	0.86	ug/m3			02/23/21 23:34	1
sec-Butylbenzene	ND		8.2	1.6	ug/m3			02/23/21 23:34	1
Styrene	3.2	J	6.4	2.3	ug/m3			02/23/21 23:34	1
Tert-amyl methyl ether	ND		8.4	1.8	ug/m3			02/23/21 23:34	1
tert-Butyl alcohol (TBA)	3.6	J	15	1.1	ug/m3			02/23/21 23:34	1
tert-Butylbenzene	ND		8.2	1.5	ug/m3			02/23/21 23:34	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/m3			02/23/21 23:34	1
Tetrachloroethene	4.0		3.4	1.1	ug/m3			02/23/21 23:34	1

Eurofins Calscience LLC

# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B1-15V

Date Collected: 02/23/21 12:45

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-31

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Toluene</b>	<b>47</b>		19	0.50	ug/m3			02/23/21 23:34	1
trans-1,2-Dichloroethene	ND		2.0	0.50	ug/m3			02/23/21 23:34	1
trans-1,3-Dichloropropene	ND		4.5	0.96	ug/m3			02/23/21 23:34	1
1,2,4-Trichlorobenzene	ND		15	4.9	ug/m3			02/23/21 23:34	1
1,1,1-Trichloroethane	ND		2.7	0.79	ug/m3			02/23/21 23:34	1
1,1,2-Trichloroethane	ND		2.7	0.76	ug/m3			02/23/21 23:34	1
<b>Trichloroethene</b>	<b>4.2</b>		2.7	0.96	ug/m3			02/23/21 23:34	1
<b>Trichlorofluoromethane</b>	<b>11</b>		5.6	1.3	ug/m3			02/23/21 23:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.3	ug/m3			02/23/21 23:34	1
<b>1,2,4-Trimethylbenzene</b>	<b>3.6 J</b>		7.4	1.6	ug/m3			02/23/21 23:34	1
<b>1,3,5-Trimethylbenzene</b>	<b>1.2 J</b>		2.5	1.0	ug/m3			02/23/21 23:34	1
Vinyl acetate	ND		7.0	1.2	ug/m3			02/23/21 23:34	1
Vinyl chloride	ND		1.3	0.41	ug/m3			02/23/21 23:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		67 - 131					02/23/21 23:34	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 130					02/23/21 23:34	1
Toluene-d8 (Surr)	103		70 - 130					02/23/21 23:34	1

Client Sample ID: B1-25V

Date Collected: 02/23/21 12:55

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-32

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>96</b>		12	0.94	ug/m3			02/24/21 00:28	1
<b>Benzene</b>	<b>2.0</b>		1.6	0.50	ug/m3			02/24/21 00:28	1
Benzyl chloride	ND		7.8	2.7	ug/m3			02/24/21 00:28	1
Bromodichloromethane	ND		3.4	0.74	ug/m3			02/24/21 00:28	1
Bromoform	ND		5.2	1.8	ug/m3			02/24/21 00:28	1
Bromomethane	ND		1.9	0.54	ug/m3			02/24/21 00:28	1
<b>2-Butanone</b>	<b>67</b>		4.4	1.2	ug/m3			02/24/21 00:28	1
Carbon disulfide	ND		16	0.58	ug/m3			02/24/21 00:28	1
Carbon tetrachloride	ND		3.1	1.3	ug/m3			02/24/21 00:28	1
Chlorobenzene	ND		2.3	0.60	ug/m3			02/24/21 00:28	1
<b>Chloroethane</b>	<b>1.4</b>		1.3	0.45	ug/m3			02/24/21 00:28	1
Chloroform	ND		2.4	0.78	ug/m3			02/24/21 00:28	1
<b>Chloromethane</b>	<b>1.5</b>		1.0	0.33	ug/m3			02/24/21 00:28	1
cis-1,2-Dichloroethene	ND		2.0	0.54	ug/m3			02/24/21 00:28	1
cis-1,3-Dichloropropene	ND		2.3	0.98	ug/m3			02/24/21 00:28	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			02/24/21 00:28	1
1,2-Dibromo-3-Chloropropane	ND		14	2.8	ug/m3			02/24/21 00:28	1
1,2-Dibromoethane	ND		3.8	1.3	ug/m3			02/24/21 00:28	1
1,2-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 00:28	1
1,3-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 00:28	1
1,4-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 00:28	1
<b>Dichlorodifluoromethane</b>	<b>7.2</b>		2.5	0.98	ug/m3			02/24/21 00:28	1
1,1-Dichloroethane	ND		2.0	0.42	ug/m3			02/24/21 00:28	1
1,2-Dichloroethane	ND		2.0	0.59	ug/m3			02/24/21 00:28	1
1,1-Dichloroethene	ND		2.0	0.69	ug/m3			02/24/21 00:28	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B1-25V

Date Collected: 02/23/21 12:55

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-32

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	5.6		2.3	0.64	ug/m3			02/24/21 00:28	1
Dichlorotetrafluoroethane	ND		14	1.3	ug/m3			02/24/21 00:28	1
1,1-Difluoroethane	ND		5.4	0.99	ug/m3			02/24/21 00:28	1
Di-isopropyl ether (DIPE)	ND		8.4	1.5	ug/m3			02/24/21 00:28	1
Ethylbenzene	2.4		2.2	1.1	ug/m3			02/24/21 00:28	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	1.2	ug/m3			02/24/21 00:28	1
4-Ethyltoluene	ND		2.5	1.2	ug/m3			02/24/21 00:28	1
Hexachloro-1,3-butadiene	ND		16	6.2	ug/m3			02/24/21 00:28	1
2-Hexanone	2.6	J	6.1	2.6	ug/m3			02/24/21 00:28	1
Isopropanol	44	J	120	0.96	ug/m3			02/24/21 00:28	1
Methylene Chloride	9.8	J	17	1.9	ug/m3			02/24/21 00:28	1
4-Methyl-2-pentanone	4.1	J	6.1	2.3	ug/m3			02/24/21 00:28	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	1.2	ug/m3			02/24/21 00:28	1
m,p-Xylene	6.4	J	8.7	2.7	ug/m3			02/24/21 00:28	1
n-Butylbenzene	ND		8.2	2.3	ug/m3			02/24/21 00:28	1
o-Xylene	2.7		2.2	0.86	ug/m3			02/24/21 00:28	1
sec-Butylbenzene	ND		8.2	1.6	ug/m3			02/24/21 00:28	1
Styrene	ND		6.4	2.3	ug/m3			02/24/21 00:28	1
Tert-amyl methyl ether	ND		8.4	1.8	ug/m3			02/24/21 00:28	1
tert-Butyl alcohol (TBA)	3.4	J	15	1.1	ug/m3			02/24/21 00:28	1
tert-Butylbenzene	ND		8.2	1.5	ug/m3			02/24/21 00:28	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/m3			02/24/21 00:28	1
Tetrachloroethene	5.1		3.4	1.1	ug/m3			02/24/21 00:28	1
Toluene	29		19	0.50	ug/m3			02/24/21 00:28	1
trans-1,2-Dichloroethene	ND		2.0	0.50	ug/m3			02/24/21 00:28	1
trans-1,3-Dichloropropene	ND		4.5	0.96	ug/m3			02/24/21 00:28	1
1,2,4-Trichlorobenzene	ND		15	4.9	ug/m3			02/24/21 00:28	1
1,1,1-Trichloroethane	ND		2.7	0.79	ug/m3			02/24/21 00:28	1
1,1,2-Trichloroethane	ND		2.7	0.76	ug/m3			02/24/21 00:28	1
Trichloroethene	3.7		2.7	0.96	ug/m3			02/24/21 00:28	1
Trichlorofluoromethane	12		5.6	1.3	ug/m3			02/24/21 00:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.3	ug/m3			02/24/21 00:28	1
1,2,4-Trimethylbenzene	1.9	J	7.4	1.6	ug/m3			02/24/21 00:28	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			02/24/21 00:28	1
Vinyl acetate	ND		7.0	1.2	ug/m3			02/24/21 00:28	1
Vinyl chloride	ND		1.3	0.41	ug/m3			02/24/21 00:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		67 - 131		02/24/21 00:28	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 130		02/24/21 00:28	1
Toluene-d8 (Surr)	104		70 - 130		02/24/21 00:28	1

Client Sample ID: B2-15V

Date Collected: 02/23/21 13:15

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-33

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	100		12	0.94	ug/m3			02/24/21 01:23	1
Benzene	3.5		1.6	0.50	ug/m3			02/24/21 01:23	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B2-15V

Date Collected: 02/23/21 13:15

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-33

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		7.8	2.7	ug/m3			02/24/21 01:23	1
Bromodichloromethane	ND		3.4	0.74	ug/m3			02/24/21 01:23	1
Bromoform	ND		5.2	1.8	ug/m3			02/24/21 01:23	1
Bromomethane	ND		1.9	0.54	ug/m3			02/24/21 01:23	1
2-Butanone	73		4.4	1.2	ug/m3			02/24/21 01:23	1
Carbon disulfide	0.70	J	16	0.58	ug/m3			02/24/21 01:23	1
Carbon tetrachloride	ND		3.1	1.3	ug/m3			02/24/21 01:23	1
Chlorobenzene	ND		2.3	0.60	ug/m3			02/24/21 01:23	1
Chloroethane	ND		1.3	0.45	ug/m3			02/24/21 01:23	1
Chloroform	ND		2.4	0.78	ug/m3			02/24/21 01:23	1
Chloromethane	ND		1.0	0.33	ug/m3			02/24/21 01:23	1
cis-1,2-Dichloroethene	ND		2.0	0.54	ug/m3			02/24/21 01:23	1
cis-1,3-Dichloropropene	ND		2.3	0.98	ug/m3			02/24/21 01:23	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			02/24/21 01:23	1
1,2-Dibromo-3-Chloropropane	ND		14	2.8	ug/m3			02/24/21 01:23	1
1,2-Dibromoethane	ND		3.8	1.3	ug/m3			02/24/21 01:23	1
1,2-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 01:23	1
1,3-Dichlorobenzene	1.5	J	3.0	1.5	ug/m3			02/24/21 01:23	1
1,4-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 01:23	1
Dichlorodifluoromethane	5.7		2.5	0.98	ug/m3			02/24/21 01:23	1
1,1-Dichloroethane	ND		2.0	0.42	ug/m3			02/24/21 01:23	1
1,2-Dichloroethane	ND		2.0	0.59	ug/m3			02/24/21 01:23	1
1,1-Dichloroethene	ND		2.0	0.69	ug/m3			02/24/21 01:23	1
1,2-Dichloropropane	4.6		2.3	0.64	ug/m3			02/24/21 01:23	1
Dichlorotetrafluoroethane	ND		14	1.3	ug/m3			02/24/21 01:23	1
1,1-Difluoroethane	ND		5.4	0.99	ug/m3			02/24/21 01:23	1
Di-isopropyl ether (DIPE)	ND		8.4	1.5	ug/m3			02/24/21 01:23	1
Ethylbenzene	4.1		2.2	1.1	ug/m3			02/24/21 01:23	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	1.2	ug/m3			02/24/21 01:23	1
4-Ethyltoluene	ND		2.5	1.2	ug/m3			02/24/21 01:23	1
Hexachloro-1,3-butadiene	ND		16	6.2	ug/m3			02/24/21 01:23	1
2-Hexanone	ND		6.1	2.6	ug/m3			02/24/21 01:23	1
Isopropanol	47	J	120	0.96	ug/m3			02/24/21 01:23	1
Methylene Chloride	9.2	J	17	1.9	ug/m3			02/24/21 01:23	1
4-Methyl-2-pentanone	ND		6.1	2.3	ug/m3			02/24/21 01:23	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	1.2	ug/m3			02/24/21 01:23	1
m,p-Xylene	11		8.7	2.7	ug/m3			02/24/21 01:23	1
n-Butylbenzene	ND		8.2	2.3	ug/m3			02/24/21 01:23	1
o-Xylene	4.4		2.2	0.86	ug/m3			02/24/21 01:23	1
sec-Butylbenzene	ND		8.2	1.6	ug/m3			02/24/21 01:23	1
Styrene	ND		6.4	2.3	ug/m3			02/24/21 01:23	1
Tert-amyl methyl ether	ND		8.4	1.8	ug/m3			02/24/21 01:23	1
tert-Butyl alcohol (TBA)	3.2	J	15	1.1	ug/m3			02/24/21 01:23	1
tert-Butylbenzene	ND		8.2	1.5	ug/m3			02/24/21 01:23	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/m3			02/24/21 01:23	1
Tetrachloroethene	17		3.4	1.1	ug/m3			02/24/21 01:23	1
Toluene	32		19	0.50	ug/m3			02/24/21 01:23	1
trans-1,2-Dichloroethene	ND		2.0	0.50	ug/m3			02/24/21 01:23	1

Eurofins Calscience LLC

# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B2-15V

Date Collected: 02/23/21 13:15

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-33

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		4.5	0.96	ug/m3			02/24/21 01:23	1
1,2,4-Trichlorobenzene	ND		15	4.9	ug/m3			02/24/21 01:23	1
1,1,1-Trichloroethane	ND		2.7	0.79	ug/m3			02/24/21 01:23	1
1,1,2-Trichloroethane	ND		2.7	0.76	ug/m3			02/24/21 01:23	1
Trichloroethene	3.5		2.7	0.96	ug/m3			02/24/21 01:23	1
Trichlorofluoromethane	4.6	J	5.6	1.3	ug/m3			02/24/21 01:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.3	ug/m3			02/24/21 01:23	1
1,2,4-Trimethylbenzene	3.0	J	7.4	1.6	ug/m3			02/24/21 01:23	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			02/24/21 01:23	1
Vinyl acetate	ND		7.0	1.2	ug/m3			02/24/21 01:23	1
Vinyl chloride	ND		1.3	0.41	ug/m3			02/24/21 01:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		67 - 131					02/24/21 01:23	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 130					02/24/21 01:23	1
Toluene-d8 (Surr)	104		70 - 130					02/24/21 01:23	1

Client Sample ID: B2-25V

Date Collected: 02/23/21 13:25

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-34

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	95		12	0.94	ug/m3			02/24/21 02:18	1
Benzene	2.6		1.6	0.50	ug/m3			02/24/21 02:18	1
Benzyl chloride	ND		7.8	2.7	ug/m3			02/24/21 02:18	1
Bromodichloromethane	ND		3.4	0.74	ug/m3			02/24/21 02:18	1
Bromoform	ND		5.2	1.8	ug/m3			02/24/21 02:18	1
Bromomethane	ND		1.9	0.54	ug/m3			02/24/21 02:18	1
2-Butanone	51		4.4	1.2	ug/m3			02/24/21 02:18	1
Carbon disulfide	ND		16	0.58	ug/m3			02/24/21 02:18	1
Carbon tetrachloride	ND		3.1	1.3	ug/m3			02/24/21 02:18	1
Chlorobenzene	ND		2.3	0.60	ug/m3			02/24/21 02:18	1
Chloroethane	ND		1.3	0.45	ug/m3			02/24/21 02:18	1
Chloroform	ND		2.4	0.78	ug/m3			02/24/21 02:18	1
Chloromethane	1.3		1.0	0.33	ug/m3			02/24/21 02:18	1
cis-1,2-Dichloroethene	ND		2.0	0.54	ug/m3			02/24/21 02:18	1
cis-1,3-Dichloropropene	ND		2.3	0.98	ug/m3			02/24/21 02:18	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			02/24/21 02:18	1
1,2-Dibromo-3-Chloropropane	ND		14	2.8	ug/m3			02/24/21 02:18	1
1,2-Dibromoethane	ND		3.8	1.3	ug/m3			02/24/21 02:18	1
1,2-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 02:18	1
1,3-Dichlorobenzene	1.7	J	3.0	1.5	ug/m3			02/24/21 02:18	1
1,4-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 02:18	1
Dichlorodifluoromethane	6.1		2.5	0.98	ug/m3			02/24/21 02:18	1
1,1-Dichloroethane	ND		2.0	0.42	ug/m3			02/24/21 02:18	1
1,2-Dichloroethane	ND		2.0	0.59	ug/m3			02/24/21 02:18	1
1,1-Dichloroethene	ND		2.0	0.69	ug/m3			02/24/21 02:18	1
1,2-Dichloropropane	3.6		2.3	0.64	ug/m3			02/24/21 02:18	1
Dichlorotetrafluoroethane	ND		14	1.3	ug/m3			02/24/21 02:18	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B2-25V

Date Collected: 02/23/21 13:25

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-34

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Difluoroethane	ND		5.4	0.99	ug/m3			02/24/21 02:18	1
Di-isopropyl ether (DIPE)	ND		8.4	1.5	ug/m3			02/24/21 02:18	1
Ethylbenzene	2.3		2.2	1.1	ug/m3			02/24/21 02:18	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	1.2	ug/m3			02/24/21 02:18	1
4-Ethyltoluene	ND		2.5	1.2	ug/m3			02/24/21 02:18	1
Hexachloro-1,3-butadiene	ND		16	6.2	ug/m3			02/24/21 02:18	1
2-Hexanone	ND		6.1	2.6	ug/m3			02/24/21 02:18	1
Isopropanol	51	J	120	0.96	ug/m3			02/24/21 02:18	1
Methylene Chloride	7.3	J	17	1.9	ug/m3			02/24/21 02:18	1
4-Methyl-2-pentanone	3.9	J	6.1	2.3	ug/m3			02/24/21 02:18	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	1.2	ug/m3			02/24/21 02:18	1
m,p-Xylene	6.4	J	8.7	2.7	ug/m3			02/24/21 02:18	1
n-Butylbenzene	ND		8.2	2.3	ug/m3			02/24/21 02:18	1
o-Xylene	2.6		2.2	0.86	ug/m3			02/24/21 02:18	1
sec-Butylbenzene	ND		8.2	1.6	ug/m3			02/24/21 02:18	1
Styrene	ND		6.4	2.3	ug/m3			02/24/21 02:18	1
Tert-amyl methyl ether	ND		8.4	1.8	ug/m3			02/24/21 02:18	1
tert-Butyl alcohol (TBA)	2.5	J	15	1.1	ug/m3			02/24/21 02:18	1
tert-Butylbenzene	ND		8.2	1.5	ug/m3			02/24/21 02:18	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/m3			02/24/21 02:18	1
Tetrachloroethene	29		3.4	1.1	ug/m3			02/24/21 02:18	1
Toluene	23		19	0.50	ug/m3			02/24/21 02:18	1
trans-1,2-Dichloroethene	ND		2.0	0.50	ug/m3			02/24/21 02:18	1
trans-1,3-Dichloropropene	ND		4.5	0.96	ug/m3			02/24/21 02:18	1
1,2,4-Trichlorobenzene	ND		15	4.9	ug/m3			02/24/21 02:18	1
1,1,1-Trichloroethane	ND		2.7	0.79	ug/m3			02/24/21 02:18	1
1,1,2-Trichloroethane	ND		2.7	0.76	ug/m3			02/24/21 02:18	1
Trichloroethene	2.6	J	2.7	0.96	ug/m3			02/24/21 02:18	1
Trichlorofluoromethane	4.9	J	5.6	1.3	ug/m3			02/24/21 02:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.3	ug/m3			02/24/21 02:18	1
1,2,4-Trimethylbenzene	2.3	J	7.4	1.6	ug/m3			02/24/21 02:18	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			02/24/21 02:18	1
Vinyl acetate	ND		7.0	1.2	ug/m3			02/24/21 02:18	1
Vinyl chloride	ND		1.3	0.41	ug/m3			02/24/21 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		67 - 131					02/24/21 02:18	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 130					02/24/21 02:18	1
Toluene-d8 (Surr)	105		70 - 130					02/24/21 02:18	1

Client Sample ID: B3-15V

Date Collected: 02/23/21 13:45

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-35

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	58		12	0.94	ug/m3			02/24/21 03:14	1
Benzene	5.1		1.6	0.50	ug/m3			02/24/21 03:14	1
Benzyl chloride	ND		7.8	2.7	ug/m3			02/24/21 03:14	1
Bromodichloromethane	ND		3.4	0.74	ug/m3			02/24/21 03:14	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B3-15V

Date Collected: 02/23/21 13:45

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-35

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.2	1.8	ug/m3			02/24/21 03:14	1
Bromomethane	ND		1.9	0.54	ug/m3			02/24/21 03:14	1
<b>2-Butanone</b>	<b>42</b>		4.4	1.2	ug/m3			02/24/21 03:14	1
Carbon disulfide	ND		16	0.58	ug/m3			02/24/21 03:14	1
Carbon tetrachloride	ND		3.1	1.3	ug/m3			02/24/21 03:14	1
Chlorobenzene	ND		2.3	0.60	ug/m3			02/24/21 03:14	1
Chloroethane	ND		1.3	0.45	ug/m3			02/24/21 03:14	1
Chloroform	ND		2.4	0.78	ug/m3			02/24/21 03:14	1
<b>Chloromethane</b>	<b>0.41</b>	<b>J</b>	1.0	0.33	ug/m3			02/24/21 03:14	1
cis-1,2-Dichloroethene	ND		2.0	0.54	ug/m3			02/24/21 03:14	1
cis-1,3-Dichloropropene	ND		2.3	0.98	ug/m3			02/24/21 03:14	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			02/24/21 03:14	1
1,2-Dibromo-3-Chloropropane	ND		14	2.8	ug/m3			02/24/21 03:14	1
1,2-Dibromoethane	ND		3.8	1.3	ug/m3			02/24/21 03:14	1
1,2-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 03:14	1
<b>1,3-Dichlorobenzene</b>	<b>1.9</b>	<b>J</b>	3.0	1.5	ug/m3			02/24/21 03:14	1
1,4-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 03:14	1
<b>Dichlorodifluoromethane</b>	<b>3.7</b>		2.5	0.98	ug/m3			02/24/21 03:14	1
1,1-Dichloroethane	ND		2.0	0.42	ug/m3			02/24/21 03:14	1
1,2-Dichloroethane	ND		2.0	0.59	ug/m3			02/24/21 03:14	1
1,1-Dichloroethene	ND		2.0	0.69	ug/m3			02/24/21 03:14	1
<b>1,2-Dichloropropane</b>	<b>3.7</b>		2.3	0.64	ug/m3			02/24/21 03:14	1
Dichlorotetrafluoroethane	ND		14	1.3	ug/m3			02/24/21 03:14	1
<b>1,1-Difluoroethane</b>	<b>4.6</b>	<b>J</b>	5.4	0.99	ug/m3			02/24/21 03:14	1
Di-isopropyl ether (DIPE)	ND		8.4	1.5	ug/m3			02/24/21 03:14	1
<b>Ethylbenzene</b>	<b>4.6</b>		2.2	1.1	ug/m3			02/24/21 03:14	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	1.2	ug/m3			02/24/21 03:14	1
4-Ethyltoluene	ND		2.5	1.2	ug/m3			02/24/21 03:14	1
Hexachloro-1,3-butadiene	ND		16	6.2	ug/m3			02/24/21 03:14	1
2-Hexanone	ND		6.1	2.6	ug/m3			02/24/21 03:14	1
<b>Isopropanol</b>	<b>46</b>	<b>J</b>	120	0.96	ug/m3			02/24/21 03:14	1
<b>Methylene Chloride</b>	<b>8.7</b>	<b>J</b>	17	1.9	ug/m3			02/24/21 03:14	1
4-Methyl-2-pentanone	ND		6.1	2.3	ug/m3			02/24/21 03:14	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	1.2	ug/m3			02/24/21 03:14	1
<b>m,p-Xylene</b>	<b>14</b>		8.7	2.7	ug/m3			02/24/21 03:14	1
n-Butylbenzene	ND		8.2	2.3	ug/m3			02/24/21 03:14	1
<b>o-Xylene</b>	<b>6.1</b>		2.2	0.86	ug/m3			02/24/21 03:14	1
sec-Butylbenzene	ND		8.2	1.6	ug/m3			02/24/21 03:14	1
Styrene	ND		6.4	2.3	ug/m3			02/24/21 03:14	1
Tert-amyl methyl ether	ND		8.4	1.8	ug/m3			02/24/21 03:14	1
<b>tert-Butyl alcohol (TBA)</b>	<b>2.6</b>	<b>J</b>	15	1.1	ug/m3			02/24/21 03:14	1
tert-Butylbenzene	ND		8.2	1.5	ug/m3			02/24/21 03:14	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/m3			02/24/21 03:14	1
<b>Tetrachloroethene</b>	<b>190</b>		3.4	1.1	ug/m3			02/24/21 03:14	1
<b>Toluene</b>	<b>32</b>		19	0.50	ug/m3			02/24/21 03:14	1
trans-1,2-Dichloroethene	ND		2.0	0.50	ug/m3			02/24/21 03:14	1
trans-1,3-Dichloropropene	ND		4.5	0.96	ug/m3			02/24/21 03:14	1
1,2,4-Trichlorobenzene	ND		15	4.9	ug/m3			02/24/21 03:14	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B3-15V

Date Collected: 02/23/21 13:45

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-35

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	0.79	ug/m3			02/24/21 03:14	1
1,1,2-Trichloroethane	ND		2.7	0.76	ug/m3			02/24/21 03:14	1
Trichloroethene	3.0		2.7	0.96	ug/m3			02/24/21 03:14	1
Trichlorofluoromethane	4.4 J		5.6	1.3	ug/m3			02/24/21 03:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.3	ug/m3			02/24/21 03:14	1
1,2,4-Trimethylbenzene	4.0 J		7.4	1.6	ug/m3			02/24/21 03:14	1
1,3,5-Trimethylbenzene	1.2 J		2.5	1.0	ug/m3			02/24/21 03:14	1
Vinyl acetate	ND		7.0	1.2	ug/m3			02/24/21 03:14	1
Vinyl chloride	ND		1.3	0.41	ug/m3			02/24/21 03:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		67 - 131		02/24/21 03:14	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 130		02/24/21 03:14	1
Toluene-d8 (Surr)	104		70 - 130		02/24/21 03:14	1

Client Sample ID: B3-22V

Date Collected: 02/23/21 13:55

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-36

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	13		1.6	0.50	ug/m3			02/24/21 04:10	1
Benzyl chloride	ND		7.8	2.7	ug/m3			02/24/21 04:10	1
Bromodichloromethane	ND		3.4	0.74	ug/m3			02/24/21 04:10	1
Bromoform	ND		5.2	1.8	ug/m3			02/24/21 04:10	1
Bromomethane	ND		1.9	0.54	ug/m3			02/24/21 04:10	1
2-Butanone	35		4.4	1.2	ug/m3			02/24/21 04:10	1
Carbon disulfide	0.62 J		16	0.58	ug/m3			02/24/21 04:10	1
Carbon tetrachloride	ND		3.1	1.3	ug/m3			02/24/21 04:10	1
Chlorobenzene	ND		2.3	0.60	ug/m3			02/24/21 04:10	1
Chloroethane	ND		1.3	0.45	ug/m3			02/24/21 04:10	1
Chloroform	ND		2.4	0.78	ug/m3			02/24/21 04:10	1
Chloromethane	ND		1.0	0.33	ug/m3			02/24/21 04:10	1
cis-1,2-Dichloroethene	ND		2.0	0.54	ug/m3			02/24/21 04:10	1
cis-1,3-Dichloropropene	ND		2.3	0.98	ug/m3			02/24/21 04:10	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			02/24/21 04:10	1
1,2-Dibromo-3-Chloropropane	ND		14	2.8	ug/m3			02/24/21 04:10	1
1,2-Dibromoethane	ND		3.8	1.3	ug/m3			02/24/21 04:10	1
1,2-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 04:10	1
1,3-Dichlorobenzene	1.5 J		3.0	1.5	ug/m3			02/24/21 04:10	1
1,4-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 04:10	1
Dichlorodifluoromethane	4.2		2.5	0.98	ug/m3			02/24/21 04:10	1
1,1-Dichloroethane	ND		2.0	0.42	ug/m3			02/24/21 04:10	1
1,2-Dichloroethane	ND		2.0	0.59	ug/m3			02/24/21 04:10	1
1,1-Dichloroethene	ND		2.0	0.69	ug/m3			02/24/21 04:10	1
1,2-Dichloropropane	3.6		2.3	0.64	ug/m3			02/24/21 04:10	1
Dichlorotetrafluoroethane	ND		14	1.3	ug/m3			02/24/21 04:10	1
1,1-Difluoroethane	ND		5.4	0.99	ug/m3			02/24/21 04:10	1
Di-isopropyl ether (DIPE)	ND		8.4	1.5	ug/m3			02/24/21 04:10	1
Ethylbenzene	3.1		2.2	1.1	ug/m3			02/24/21 04:10	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B3-22V

Date Collected: 02/23/21 13:55

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-36

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		8.4	1.2	ug/m3			02/24/21 04:10	1
4-Ethyltoluene	ND		2.5	1.2	ug/m3			02/24/21 04:10	1
Hexachloro-1,3-butadiene	ND		16	6.2	ug/m3			02/24/21 04:10	1
2-Hexanone	ND		6.1	2.6	ug/m3			02/24/21 04:10	1
Isopropanol	46	J	120	0.96	ug/m3			02/24/21 04:10	1
Methylene Chloride	8.3	J	17	1.9	ug/m3			02/24/21 04:10	1
4-Methyl-2-pentanone	ND		6.1	2.3	ug/m3			02/24/21 04:10	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	1.2	ug/m3			02/24/21 04:10	1
m,p-Xylene	8.9		8.7	2.7	ug/m3			02/24/21 04:10	1
n-Butylbenzene	ND		8.2	2.3	ug/m3			02/24/21 04:10	1
o-Xylene	3.7		2.2	0.86	ug/m3			02/24/21 04:10	1
sec-Butylbenzene	ND		8.2	1.6	ug/m3			02/24/21 04:10	1
Styrene	ND		6.4	2.3	ug/m3			02/24/21 04:10	1
Tert-amyl methyl ether	ND		8.4	1.8	ug/m3			02/24/21 04:10	1
tert-Butyl alcohol (TBA)	2.5	J	15	1.1	ug/m3			02/24/21 04:10	1
tert-Butylbenzene	ND		8.2	1.5	ug/m3			02/24/21 04:10	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/m3			02/24/21 04:10	1
Tetrachloroethene	130		3.4	1.1	ug/m3			02/24/21 04:10	1
Toluene	32		19	0.50	ug/m3			02/24/21 04:10	1
trans-1,2-Dichloroethene	ND		2.0	0.50	ug/m3			02/24/21 04:10	1
trans-1,3-Dichloropropene	ND		4.5	0.96	ug/m3			02/24/21 04:10	1
1,2,4-Trichlorobenzene	ND		15	4.9	ug/m3			02/24/21 04:10	1
1,1,1-Trichloroethane	ND		2.7	0.79	ug/m3			02/24/21 04:10	1
1,1,2-Trichloroethane	ND		2.7	0.76	ug/m3			02/24/21 04:10	1
Trichloroethene	3.0		2.7	0.96	ug/m3			02/24/21 04:10	1
Trichlorofluoromethane	5.0	J	5.6	1.3	ug/m3			02/24/21 04:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.3	ug/m3			02/24/21 04:10	1
1,2,4-Trimethylbenzene	2.8	J	7.4	1.6	ug/m3			02/24/21 04:10	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			02/24/21 04:10	1
Vinyl acetate	ND		7.0	1.2	ug/m3			02/24/21 04:10	1
Vinyl chloride	ND		1.3	0.41	ug/m3			02/24/21 04:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		67 - 131		02/24/21 04:10	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 130		02/24/21 04:10	1
Toluene-d8 (Surr)	103		70 - 130		02/24/21 04:10	1

Client Sample ID: B4-15V

Date Collected: 02/23/21 14:10

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-37

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	160		12	0.94	ug/m3			02/24/21 05:04	1
Benzene	4.6		1.6	0.50	ug/m3			02/24/21 05:04	1
Benzyl chloride	ND		7.8	2.7	ug/m3			02/24/21 05:04	1
Bromodichloromethane	ND		3.4	0.74	ug/m3			02/24/21 05:04	1
Bromoform	ND		5.2	1.8	ug/m3			02/24/21 05:04	1
Bromomethane	ND		1.9	0.54	ug/m3			02/24/21 05:04	1
2-Butanone	27		4.4	1.2	ug/m3			02/24/21 05:04	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B4-15V

Date Collected: 02/23/21 14:10

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-37

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Carbon disulfide</b>	<b>0.59</b>	<b>J</b>	16	0.58	ug/m3			02/24/21 05:04	1
Carbon tetrachloride	ND		3.1	1.3	ug/m3			02/24/21 05:04	1
Chlorobenzene	ND		2.3	0.60	ug/m3			02/24/21 05:04	1
Chloroethane	ND		1.3	0.45	ug/m3			02/24/21 05:04	1
Chloroform	ND		2.4	0.78	ug/m3			02/24/21 05:04	1
Chloromethane	ND		1.0	0.33	ug/m3			02/24/21 05:04	1
cis-1,2-Dichloroethene	ND		2.0	0.54	ug/m3			02/24/21 05:04	1
cis-1,3-Dichloropropene	ND		2.3	0.98	ug/m3			02/24/21 05:04	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			02/24/21 05:04	1
1,2-Dibromo-3-Chloropropane	ND		14	2.8	ug/m3			02/24/21 05:04	1
1,2-Dibromoethane	ND		3.8	1.3	ug/m3			02/24/21 05:04	1
1,2-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 05:04	1
1,3-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 05:04	1
1,4-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 05:04	1
<b>Dichlorodifluoromethane</b>	<b>2.6</b>		2.5	0.98	ug/m3			02/24/21 05:04	1
1,1-Dichloroethane	ND		2.0	0.42	ug/m3			02/24/21 05:04	1
1,2-Dichloroethane	ND		2.0	0.59	ug/m3			02/24/21 05:04	1
1,1-Dichloroethene	ND		2.0	0.69	ug/m3			02/24/21 05:04	1
<b>1,2-Dichloropropane</b>	<b>3.6</b>		2.3	0.64	ug/m3			02/24/21 05:04	1
Dichlorotetrafluoroethane	ND		14	1.3	ug/m3			02/24/21 05:04	1
<b>1,1-Difluoroethane</b>	<b>1.8</b>	<b>J</b>	5.4	0.99	ug/m3			02/24/21 05:04	1
Di-isopropyl ether (DIPE)	ND		8.4	1.5	ug/m3			02/24/21 05:04	1
<b>Ethylbenzene</b>	<b>1.5</b>	<b>J</b>	2.2	1.1	ug/m3			02/24/21 05:04	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	1.2	ug/m3			02/24/21 05:04	1
4-Ethyltoluene	ND		2.5	1.2	ug/m3			02/24/21 05:04	1
Hexachloro-1,3-butadiene	ND		16	6.2	ug/m3			02/24/21 05:04	1
2-Hexanone	ND		6.1	2.6	ug/m3			02/24/21 05:04	1
<b>Isopropanol</b>	<b>40</b>	<b>J</b>	120	0.96	ug/m3			02/24/21 05:04	1
<b>Methylene Chloride</b>	<b>8.5</b>	<b>J</b>	17	1.9	ug/m3			02/24/21 05:04	1
4-Methyl-2-pentanone	ND		6.1	2.3	ug/m3			02/24/21 05:04	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	1.2	ug/m3			02/24/21 05:04	1
<b>m,p-Xylene</b>	<b>4.6</b>	<b>J</b>	8.7	2.7	ug/m3			02/24/21 05:04	1
n-Butylbenzene	ND		8.2	2.3	ug/m3			02/24/21 05:04	1
<b>o-Xylene</b>	<b>1.9</b>	<b>J</b>	2.2	0.86	ug/m3			02/24/21 05:04	1
sec-Butylbenzene	ND		8.2	1.6	ug/m3			02/24/21 05:04	1
Styrene	ND		6.4	2.3	ug/m3			02/24/21 05:04	1
Tert-amyl methyl ether	ND		8.4	1.8	ug/m3			02/24/21 05:04	1
<b>tert-Butyl alcohol (TBA)</b>	<b>2.1</b>	<b>J</b>	15	1.1	ug/m3			02/24/21 05:04	1
tert-Butylbenzene	ND		8.2	1.5	ug/m3			02/24/21 05:04	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/m3			02/24/21 05:04	1
<b>Tetrachloroethene</b>	<b>52</b>		3.4	1.1	ug/m3			02/24/21 05:04	1
<b>Toluene</b>	<b>23</b>		19	0.50	ug/m3			02/24/21 05:04	1
trans-1,2-Dichloroethene	ND		2.0	0.50	ug/m3			02/24/21 05:04	1
trans-1,3-Dichloropropene	ND		4.5	0.96	ug/m3			02/24/21 05:04	1
1,2,4-Trichlorobenzene	ND		15	4.9	ug/m3			02/24/21 05:04	1
1,1,1-Trichloroethane	ND		2.7	0.79	ug/m3			02/24/21 05:04	1
1,1,2-Trichloroethane	ND		2.7	0.76	ug/m3			02/24/21 05:04	1
<b>Trichloroethene</b>	<b>2.7</b>		2.7	0.96	ug/m3			02/24/21 05:04	1

Eurofins Calscience LLC

# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B4-15V

Date Collected: 02/23/21 14:10

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-37

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	J	5.6	1.3	ug/m3			02/24/21 05:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.3	ug/m3			02/24/21 05:04	1
1,2,4-Trimethylbenzene	1.7	J	7.4	1.6	ug/m3			02/24/21 05:04	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			02/24/21 05:04	1
Vinyl acetate	ND		7.0	1.2	ug/m3			02/24/21 05:04	1
Vinyl chloride	ND		1.3	0.41	ug/m3			02/24/21 05:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		67 - 131					02/24/21 05:04	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 130					02/24/21 05:04	1
Toluene-d8 (Surr)	102		70 - 130					02/24/21 05:04	1

Client Sample ID: B4-22V

Date Collected: 02/23/21 14:20

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-38

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	76		12	0.94	ug/m3			02/24/21 05:59	1
Benzene	3.7		1.6	0.50	ug/m3			02/24/21 05:59	1
Benzyl chloride	ND		7.8	2.7	ug/m3			02/24/21 05:59	1
Bromodichloromethane	ND		3.4	0.74	ug/m3			02/24/21 05:59	1
Bromoform	ND		5.2	1.8	ug/m3			02/24/21 05:59	1
Bromomethane	ND		1.9	0.54	ug/m3			02/24/21 05:59	1
2-Butanone	27		4.4	1.2	ug/m3			02/24/21 05:59	1
Carbon disulfide	ND		16	0.58	ug/m3			02/24/21 05:59	1
Carbon tetrachloride	ND		3.1	1.3	ug/m3			02/24/21 05:59	1
Chlorobenzene	ND		2.3	0.60	ug/m3			02/24/21 05:59	1
Chloroethane	ND		1.3	0.45	ug/m3			02/24/21 05:59	1
Chloroform	ND		2.4	0.78	ug/m3			02/24/21 05:59	1
Chloromethane	ND		1.0	0.33	ug/m3			02/24/21 05:59	1
cis-1,2-Dichloroethene	ND		2.0	0.54	ug/m3			02/24/21 05:59	1
cis-1,3-Dichloropropene	ND		2.3	0.98	ug/m3			02/24/21 05:59	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			02/24/21 05:59	1
1,2-Dibromo-3-Chloropropane	ND		14	2.8	ug/m3			02/24/21 05:59	1
1,2-Dibromoethane	ND		3.8	1.3	ug/m3			02/24/21 05:59	1
1,2-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 05:59	1
1,3-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 05:59	1
1,4-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 05:59	1
Dichlorodifluoromethane	2.4	J	2.5	0.98	ug/m3			02/24/21 05:59	1
1,1-Dichloroethane	ND		2.0	0.42	ug/m3			02/24/21 05:59	1
1,2-Dichloroethane	ND		2.0	0.59	ug/m3			02/24/21 05:59	1
1,1-Dichloroethene	ND		2.0	0.69	ug/m3			02/24/21 05:59	1
1,2-Dichloropropane	3.3		2.3	0.64	ug/m3			02/24/21 05:59	1
Dichlorotetrafluoroethane	ND		14	1.3	ug/m3			02/24/21 05:59	1
1,1-Difluoroethane	ND		5.4	0.99	ug/m3			02/24/21 05:59	1
Di-isopropyl ether (DIPE)	ND		8.4	1.5	ug/m3			02/24/21 05:59	1
Ethylbenzene	1.9	J	2.2	1.1	ug/m3			02/24/21 05:59	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	1.2	ug/m3			02/24/21 05:59	1
4-Ethyltoluene	ND		2.5	1.2	ug/m3			02/24/21 05:59	1

Eurofins Calscience LLC

# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B4-22V

Date Collected: 02/23/21 14:20

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-38

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloro-1,3-butadiene	ND		16	6.2	ug/m3			02/24/21 05:59	1
2-Hexanone	ND		6.1	2.6	ug/m3			02/24/21 05:59	1
Isopropanol	40	J	120	0.96	ug/m3			02/24/21 05:59	1
Methylene Chloride	8.0	J	17	1.9	ug/m3			02/24/21 05:59	1
4-Methyl-2-pentanone	3.7	J	6.1	2.3	ug/m3			02/24/21 05:59	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	1.2	ug/m3			02/24/21 05:59	1
m,p-Xylene	5.3	J	8.7	2.7	ug/m3			02/24/21 05:59	1
n-Butylbenzene	ND		8.2	2.3	ug/m3			02/24/21 05:59	1
o-Xylene	2.2		2.2	0.86	ug/m3			02/24/21 05:59	1
sec-Butylbenzene	ND		8.2	1.6	ug/m3			02/24/21 05:59	1
Styrene	ND		6.4	2.3	ug/m3			02/24/21 05:59	1
Tert-amyl methyl ether	ND		8.4	1.8	ug/m3			02/24/21 05:59	1
tert-Butyl alcohol (TBA)	1.6	J	15	1.1	ug/m3			02/24/21 05:59	1
tert-Butylbenzene	ND		8.2	1.5	ug/m3			02/24/21 05:59	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/m3			02/24/21 05:59	1
Tetrachloroethene	480		3.4	1.1	ug/m3			02/24/21 05:59	1
Toluene	23		19	0.50	ug/m3			02/24/21 05:59	1
trans-1,2-Dichloroethene	ND		2.0	0.50	ug/m3			02/24/21 05:59	1
trans-1,3-Dichloropropene	ND		4.5	0.96	ug/m3			02/24/21 05:59	1
1,2,4-Trichlorobenzene	ND		15	4.9	ug/m3			02/24/21 05:59	1
1,1,1-Trichloroethane	ND		2.7	0.79	ug/m3			02/24/21 05:59	1
1,1,2-Trichloroethane	ND		2.7	0.76	ug/m3			02/24/21 05:59	1
Trichloroethene	2.9		2.7	0.96	ug/m3			02/24/21 05:59	1
Trichlorofluoromethane	2.5	J	5.6	1.3	ug/m3			02/24/21 05:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.3	ug/m3			02/24/21 05:59	1
1,2,4-Trimethylbenzene	2.0	J	7.4	1.6	ug/m3			02/24/21 05:59	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			02/24/21 05:59	1
Vinyl acetate	ND		7.0	1.2	ug/m3			02/24/21 05:59	1
Vinyl chloride	ND		1.3	0.41	ug/m3			02/24/21 05:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		67 - 131		02/24/21 05:59	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 130		02/24/21 05:59	1
Toluene-d8 (Surr)	104		70 - 130		02/24/21 05:59	1

Client Sample ID: B5-15V

Date Collected: 02/23/21 14:50

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-39

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	18		1.6	0.50	ug/m3			02/24/21 06:53	1
Benzyl chloride	ND		7.8	2.7	ug/m3			02/24/21 06:53	1
Bromodichloromethane	ND		3.4	0.74	ug/m3			02/24/21 06:53	1
Bromoform	ND		5.2	1.8	ug/m3			02/24/21 06:53	1
Bromomethane	ND		1.9	0.54	ug/m3			02/24/21 06:53	1
2-Butanone	36		4.4	1.2	ug/m3			02/24/21 06:53	1
Carbon disulfide	1.3	J	16	0.58	ug/m3			02/24/21 06:53	1
Carbon tetrachloride	ND		3.1	1.3	ug/m3			02/24/21 06:53	1
Chlorobenzene	ND		2.3	0.60	ug/m3			02/24/21 06:53	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B5-15V

Date Collected: 02/23/21 14:50

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-39

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.3	0.45	ug/m3			02/24/21 06:53	1
Chloroform	ND		2.4	0.78	ug/m3			02/24/21 06:53	1
<b>Chloromethane</b>	<b>65</b>		1.0	0.33	ug/m3			02/24/21 06:53	1
cis-1,2-Dichloroethene	ND		2.0	0.54	ug/m3			02/24/21 06:53	1
cis-1,3-Dichloropropene	ND		2.3	0.98	ug/m3			02/24/21 06:53	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			02/24/21 06:53	1
1,2-Dibromo-3-Chloropropane	ND		14	2.8	ug/m3			02/24/21 06:53	1
1,2-Dibromoethane	ND		3.8	1.3	ug/m3			02/24/21 06:53	1
1,2-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 06:53	1
1,3-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 06:53	1
1,4-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 06:53	1
Dichlorodifluoromethane	ND		2.5	0.98	ug/m3			02/24/21 06:53	1
1,1-Dichloroethane	ND		2.0	0.42	ug/m3			02/24/21 06:53	1
1,2-Dichloroethane	ND		2.0	0.59	ug/m3			02/24/21 06:53	1
1,1-Dichloroethene	ND		2.0	0.69	ug/m3			02/24/21 06:53	1
<b>1,2-Dichloropropane</b>	<b>2.2</b>	<b>J</b>	2.3	0.64	ug/m3			02/24/21 06:53	1
Dichlorotetrafluoroethane	ND		14	1.3	ug/m3			02/24/21 06:53	1
1,1-Difluoroethane	ND		5.4	0.99	ug/m3			02/24/21 06:53	1
Di-isopropyl ether (DIPE)	ND		8.4	1.5	ug/m3			02/24/21 06:53	1
<b>Ethylbenzene</b>	<b>4.4</b>		2.2	1.1	ug/m3			02/24/21 06:53	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	1.2	ug/m3			02/24/21 06:53	1
<b>4-Ethyltoluene</b>	<b>1.2</b>	<b>J</b>	2.5	1.2	ug/m3			02/24/21 06:53	1
Hexachloro-1,3-butadiene	ND		16	6.2	ug/m3			02/24/21 06:53	1
2-Hexanone	ND		6.1	2.6	ug/m3			02/24/21 06:53	1
<b>Isopropanol</b>	<b>48</b>	<b>J</b>	120	0.96	ug/m3			02/24/21 06:53	1
<b>Methylene Chloride</b>	<b>7.0</b>	<b>J</b>	17	1.9	ug/m3			02/24/21 06:53	1
<b>4-Methyl-2-pentanone</b>	<b>10</b>		6.1	2.3	ug/m3			02/24/21 06:53	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	1.2	ug/m3			02/24/21 06:53	1
<b>m,p-Xylene</b>	<b>15</b>		8.7	2.7	ug/m3			02/24/21 06:53	1
n-Butylbenzene	ND		8.2	2.3	ug/m3			02/24/21 06:53	1
<b>o-Xylene</b>	<b>5.4</b>		2.2	0.86	ug/m3			02/24/21 06:53	1
sec-Butylbenzene	ND		8.2	1.6	ug/m3			02/24/21 06:53	1
Styrene	ND		6.4	2.3	ug/m3			02/24/21 06:53	1
Tert-amyl methyl ether	ND		8.4	1.8	ug/m3			02/24/21 06:53	1
<b>tert-Butyl alcohol (TBA)</b>	<b>3.3</b>	<b>J</b>	15	1.1	ug/m3			02/24/21 06:53	1
tert-Butylbenzene	ND		8.2	1.5	ug/m3			02/24/21 06:53	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/m3			02/24/21 06:53	1
<b>Tetrachloroethene</b>	<b>20</b>		3.4	1.1	ug/m3			02/24/21 06:53	1
<b>Toluene</b>	<b>110</b>		19	0.50	ug/m3			02/24/21 06:53	1
trans-1,2-Dichloroethene	ND		2.0	0.50	ug/m3			02/24/21 06:53	1
trans-1,3-Dichloropropene	ND		4.5	0.96	ug/m3			02/24/21 06:53	1
1,2,4-Trichlorobenzene	ND		15	4.9	ug/m3			02/24/21 06:53	1
1,1,1-Trichloroethane	ND		2.7	0.79	ug/m3			02/24/21 06:53	1
1,1,2-Trichloroethane	ND		2.7	0.76	ug/m3			02/24/21 06:53	1
<b>Trichloroethene</b>	<b>2.2</b>	<b>J</b>	2.7	0.96	ug/m3			02/24/21 06:53	1
<b>Trichlorofluoromethane</b>	<b>1.4</b>	<b>J</b>	5.6	1.3	ug/m3			02/24/21 06:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.3	ug/m3			02/24/21 06:53	1
<b>1,2,4-Trimethylbenzene</b>	<b>7.1</b>	<b>J</b>	7.4	1.6	ug/m3			02/24/21 06:53	1

Eurofins Calscience LLC

# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B5-15V

Date Collected: 02/23/21 14:50

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-39

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	2.0	J	2.5	1.0	ug/m3			02/24/21 06:53	1
Vinyl acetate	ND		7.0	1.2	ug/m3			02/24/21 06:53	1
Vinyl chloride	ND		1.3	0.41	ug/m3			02/24/21 06:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		67 - 131					02/24/21 06:53	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 130					02/24/21 06:53	1
Toluene-d8 (Surr)	105		70 - 130					02/24/21 06:53	1

Client Sample ID: B5-25V

Date Collected: 02/23/21 15:00

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-40

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	61		12	0.94	ug/m3			02/24/21 07:48	1
Benzene	40		1.6	0.50	ug/m3			02/24/21 07:48	1
Benzyl chloride	ND		7.8	2.7	ug/m3			02/24/21 07:48	1
Bromodichloromethane	ND		3.4	0.74	ug/m3			02/24/21 07:48	1
Bromoform	ND		5.2	1.8	ug/m3			02/24/21 07:48	1
Bromomethane	ND		1.9	0.54	ug/m3			02/24/21 07:48	1
2-Butanone	19		4.4	1.2	ug/m3			02/24/21 07:48	1
Carbon disulfide	0.93	J	16	0.58	ug/m3			02/24/21 07:48	1
Carbon tetrachloride	ND		3.1	1.3	ug/m3			02/24/21 07:48	1
Chlorobenzene	ND		2.3	0.60	ug/m3			02/24/21 07:48	1
Chloroethane	ND		1.3	0.45	ug/m3			02/24/21 07:48	1
Chloroform	ND		2.4	0.78	ug/m3			02/24/21 07:48	1
Chloromethane	0.70	J	1.0	0.33	ug/m3			02/24/21 07:48	1
cis-1,2-Dichloroethene	ND		2.0	0.54	ug/m3			02/24/21 07:48	1
cis-1,3-Dichloropropene	ND		2.3	0.98	ug/m3			02/24/21 07:48	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			02/24/21 07:48	1
1,2-Dibromo-3-Chloropropane	ND		14	2.8	ug/m3			02/24/21 07:48	1
1,2-Dibromoethane	ND		3.8	1.3	ug/m3			02/24/21 07:48	1
1,2-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 07:48	1
1,3-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 07:48	1
1,4-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 07:48	1
Dichlorodifluoromethane	ND		2.5	0.98	ug/m3			02/24/21 07:48	1
1,1-Dichloroethane	ND		2.0	0.42	ug/m3			02/24/21 07:48	1
1,2-Dichloroethane	ND		2.0	0.59	ug/m3			02/24/21 07:48	1
1,1-Dichloroethene	ND		2.0	0.69	ug/m3			02/24/21 07:48	1
1,2-Dichloropropane	3.0		2.3	0.64	ug/m3			02/24/21 07:48	1
Dichlorotetrafluoroethane	ND		14	1.3	ug/m3			02/24/21 07:48	1
1,1-Difluoroethane	ND		5.4	0.99	ug/m3			02/24/21 07:48	1
Di-isopropyl ether (DIPE)	ND		8.4	1.5	ug/m3			02/24/21 07:48	1
Ethylbenzene	2.7		2.2	1.1	ug/m3			02/24/21 07:48	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	1.2	ug/m3			02/24/21 07:48	1
4-Ethyltoluene	ND		2.5	1.2	ug/m3			02/24/21 07:48	1
Hexachloro-1,3-butadiene	ND		16	6.2	ug/m3			02/24/21 07:48	1
2-Hexanone	ND		6.1	2.6	ug/m3			02/24/21 07:48	1
Isopropanol	72	J	120	0.96	ug/m3			02/24/21 07:48	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B5-25V

Date Collected: 02/23/21 15:00

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-40

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	7.1	J	17	1.9	ug/m3			02/24/21 07:48	1
4-Methyl-2-pentanone	ND		6.1	2.3	ug/m3			02/24/21 07:48	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	1.2	ug/m3			02/24/21 07:48	1
m,p-Xylene	7.0	J	8.7	2.7	ug/m3			02/24/21 07:48	1
n-Butylbenzene	ND		8.2	2.3	ug/m3			02/24/21 07:48	1
o-Xylene	2.6		2.2	0.86	ug/m3			02/24/21 07:48	1
sec-Butylbenzene	ND		8.2	1.6	ug/m3			02/24/21 07:48	1
Styrene	ND		6.4	2.3	ug/m3			02/24/21 07:48	1
Tert-amyl methyl ether	ND		8.4	1.8	ug/m3			02/24/21 07:48	1
tert-Butyl alcohol (TBA)	ND		15	1.1	ug/m3			02/24/21 07:48	1
tert-Butylbenzene	ND		8.2	1.5	ug/m3			02/24/21 07:48	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/m3			02/24/21 07:48	1
Tetrachloroethene	130		3.4	1.1	ug/m3			02/24/21 07:48	1
Toluene	44		19	0.50	ug/m3			02/24/21 07:48	1
trans-1,2-Dichloroethene	ND		2.0	0.50	ug/m3			02/24/21 07:48	1
trans-1,3-Dichloropropene	ND		4.5	0.96	ug/m3			02/24/21 07:48	1
1,2,4-Trichlorobenzene	ND		15	4.9	ug/m3			02/24/21 07:48	1
1,1,1-Trichloroethane	ND		2.7	0.79	ug/m3			02/24/21 07:48	1
1,1,2-Trichloroethane	ND		2.7	0.76	ug/m3			02/24/21 07:48	1
Trichloroethene	3.7		2.7	0.96	ug/m3			02/24/21 07:48	1
Trichlorofluoromethane	1.5	J	5.6	1.3	ug/m3			02/24/21 07:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.3	ug/m3			02/24/21 07:48	1
1,2,4-Trimethylbenzene	2.9	J	7.4	1.6	ug/m3			02/24/21 07:48	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			02/24/21 07:48	1
Vinyl acetate	ND		7.0	1.2	ug/m3			02/24/21 07:48	1
Vinyl chloride	ND		1.3	0.41	ug/m3			02/24/21 07:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		67 - 131		02/24/21 07:48	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 130		02/24/21 07:48	1
Toluene-d8 (Surr)	104		70 - 130		02/24/21 07:48	1

Client Sample ID: B6-15V

Date Collected: 02/23/21 15:12

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-41

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	160		12	0.94	ug/m3			02/24/21 08:42	1
Benzene	3.7		1.6	0.50	ug/m3			02/24/21 08:42	1
Benzyl chloride	ND		7.8	2.7	ug/m3			02/24/21 08:42	1
Bromodichloromethane	ND		3.4	0.74	ug/m3			02/24/21 08:42	1
Bromoform	ND		5.2	1.8	ug/m3			02/24/21 08:42	1
Bromomethane	ND		1.9	0.54	ug/m3			02/24/21 08:42	1
2-Butanone	27		4.4	1.2	ug/m3			02/24/21 08:42	1
Carbon disulfide	0.65	J	16	0.58	ug/m3			02/24/21 08:42	1
Carbon tetrachloride	ND		3.1	1.3	ug/m3			02/24/21 08:42	1
Chlorobenzene	ND		2.3	0.60	ug/m3			02/24/21 08:42	1
Chloroethane	ND		1.3	0.45	ug/m3			02/24/21 08:42	1
Chloroform	ND		2.4	0.78	ug/m3			02/24/21 08:42	1

Eurofins Calscience LLC



# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B6-15V

Date Collected: 02/23/21 15:12

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-41

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.33	ug/m3			02/24/21 08:42	1
cis-1,2-Dichloroethene	ND		2.0	0.54	ug/m3			02/24/21 08:42	1
cis-1,3-Dichloropropene	ND		2.3	0.98	ug/m3			02/24/21 08:42	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			02/24/21 08:42	1
1,2-Dibromo-3-Chloropropane	ND		14	2.8	ug/m3			02/24/21 08:42	1
1,2-Dibromoethane	ND		3.8	1.3	ug/m3			02/24/21 08:42	1
1,2-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 08:42	1
1,3-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 08:42	1
1,4-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 08:42	1
Dichlorodifluoromethane	2.1	J	2.5	0.98	ug/m3			02/24/21 08:42	1
1,1-Dichloroethane	ND		2.0	0.42	ug/m3			02/24/21 08:42	1
1,2-Dichloroethane	ND		2.0	0.59	ug/m3			02/24/21 08:42	1
1,1-Dichloroethene	ND		2.0	0.69	ug/m3			02/24/21 08:42	1
1,2-Dichloropropane	3.5		2.3	0.64	ug/m3			02/24/21 08:42	1
Dichlorotetrafluoroethane	ND		14	1.3	ug/m3			02/24/21 08:42	1
1,1-Difluoroethane	ND		5.4	0.99	ug/m3			02/24/21 08:42	1
Di-isopropyl ether (DIPE)	ND		8.4	1.5	ug/m3			02/24/21 08:42	1
Ethylbenzene	2.5		2.2	1.1	ug/m3			02/24/21 08:42	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	1.2	ug/m3			02/24/21 08:42	1
4-Ethyltoluene	ND		2.5	1.2	ug/m3			02/24/21 08:42	1
Hexachloro-1,3-butadiene	ND		16	6.2	ug/m3			02/24/21 08:42	1
2-Hexanone	ND		6.1	2.6	ug/m3			02/24/21 08:42	1
Isopropanol	58	J	120	0.96	ug/m3			02/24/21 08:42	1
Methylene Chloride	7.9	J	17	1.9	ug/m3			02/24/21 08:42	1
4-Methyl-2-pentanone	4.4	J	6.1	2.3	ug/m3			02/24/21 08:42	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	1.2	ug/m3			02/24/21 08:42	1
m,p-Xylene	7.6	J	8.7	2.7	ug/m3			02/24/21 08:42	1
n-Butylbenzene	ND		8.2	2.3	ug/m3			02/24/21 08:42	1
o-Xylene	2.9		2.2	0.86	ug/m3			02/24/21 08:42	1
sec-Butylbenzene	ND		8.2	1.6	ug/m3			02/24/21 08:42	1
Styrene	ND		6.4	2.3	ug/m3			02/24/21 08:42	1
Tert-amyl methyl ether	ND		8.4	1.8	ug/m3			02/24/21 08:42	1
tert-Butyl alcohol (TBA)	4.6	J	15	1.1	ug/m3			02/24/21 08:42	1
tert-Butylbenzene	ND		8.2	1.5	ug/m3			02/24/21 08:42	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/m3			02/24/21 08:42	1
Tetrachloroethene	22		3.4	1.1	ug/m3			02/24/21 08:42	1
Toluene	29		19	0.50	ug/m3			02/24/21 08:42	1
trans-1,2-Dichloroethene	ND		2.0	0.50	ug/m3			02/24/21 08:42	1
trans-1,3-Dichloropropene	ND		4.5	0.96	ug/m3			02/24/21 08:42	1
1,2,4-Trichlorobenzene	ND		15	4.9	ug/m3			02/24/21 08:42	1
1,1,1-Trichloroethane	ND		2.7	0.79	ug/m3			02/24/21 08:42	1
1,1,2-Trichloroethane	ND		2.7	0.76	ug/m3			02/24/21 08:42	1
Trichloroethene	3.9		2.7	0.96	ug/m3			02/24/21 08:42	1
Trichlorofluoromethane	1.6	J	5.6	1.3	ug/m3			02/24/21 08:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.3	ug/m3			02/24/21 08:42	1
1,2,4-Trimethylbenzene	2.9	J	7.4	1.6	ug/m3			02/24/21 08:42	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			02/24/21 08:42	1
Vinyl acetate	ND		7.0	1.2	ug/m3			02/24/21 08:42	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B6-15V

Date Collected: 02/23/21 15:12

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-41

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.3	0.41	ug/m3			02/24/21 08:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		67 - 131					02/24/21 08:42	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 130					02/24/21 08:42	1
Toluene-d8 (Surr)	104		70 - 130					02/24/21 08:42	1

Client Sample ID: B6-25V

Date Collected: 02/23/21 15:23

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-42

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	170		12	0.94	ug/m3			02/24/21 09:37	1
Benzene	6.7		1.6	0.50	ug/m3			02/24/21 09:37	1
Benzyl chloride	ND		7.8	2.7	ug/m3			02/24/21 09:37	1
Bromodichloromethane	ND		3.4	0.74	ug/m3			02/24/21 09:37	1
Bromoform	ND		5.2	1.8	ug/m3			02/24/21 09:37	1
Bromomethane	ND		1.9	0.54	ug/m3			02/24/21 09:37	1
2-Butanone	30		4.4	1.2	ug/m3			02/24/21 09:37	1
Carbon disulfide	1.6	J	16	0.58	ug/m3			02/24/21 09:37	1
Carbon tetrachloride	ND		3.1	1.3	ug/m3			02/24/21 09:37	1
Chlorobenzene	ND		2.3	0.60	ug/m3			02/24/21 09:37	1
Chloroethane	ND		1.3	0.45	ug/m3			02/24/21 09:37	1
Chloroform	ND		2.4	0.78	ug/m3			02/24/21 09:37	1
Chloromethane	0.98	J	1.0	0.33	ug/m3			02/24/21 09:37	1
cis-1,2-Dichloroethene	ND		2.0	0.54	ug/m3			02/24/21 09:37	1
cis-1,3-Dichloropropene	ND		2.3	0.98	ug/m3			02/24/21 09:37	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			02/24/21 09:37	1
1,2-Dibromo-3-Chloropropane	ND		14	2.8	ug/m3			02/24/21 09:37	1
1,2-Dibromoethane	ND		3.8	1.3	ug/m3			02/24/21 09:37	1
1,2-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 09:37	1
1,3-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 09:37	1
1,4-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/24/21 09:37	1
Dichlorodifluoromethane	2.0	J	2.5	0.98	ug/m3			02/24/21 09:37	1
1,1-Dichloroethane	ND		2.0	0.42	ug/m3			02/24/21 09:37	1
1,2-Dichloroethane	ND		2.0	0.59	ug/m3			02/24/21 09:37	1
1,1-Dichloroethene	2.9		2.0	0.69	ug/m3			02/24/21 09:37	1
1,2-Dichloropropane	2.6		2.3	0.64	ug/m3			02/24/21 09:37	1
Dichlorotetrafluoroethane	ND		14	1.3	ug/m3			02/24/21 09:37	1
1,1-Difluoroethane	1.4	J	5.4	0.99	ug/m3			02/24/21 09:37	1
Di-isopropyl ether (DIPE)	ND		8.4	1.5	ug/m3			02/24/21 09:37	1
Ethylbenzene	2.4		2.2	1.1	ug/m3			02/24/21 09:37	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	1.2	ug/m3			02/24/21 09:37	1
4-Ethyltoluene	ND		2.5	1.2	ug/m3			02/24/21 09:37	1
Hexachloro-1,3-butadiene	ND		16	6.2	ug/m3			02/24/21 09:37	1
2-Hexanone	ND		6.1	2.6	ug/m3			02/24/21 09:37	1
Isopropanol	42	J	120	0.96	ug/m3			02/24/21 09:37	1
Methylene Chloride	7.2	J	17	1.9	ug/m3			02/24/21 09:37	1
4-Methyl-2-pentanone	4.2	J	6.1	2.3	ug/m3			02/24/21 09:37	1

Eurofins Calscience LLC

# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B6-25V

Date Collected: 02/23/21 15:23

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-42

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		7.2	1.2	ug/m3			02/24/21 09:37	1
<b>m,p-Xylene</b>	<b>6.6</b>	<b>J</b>	8.7	2.7	ug/m3			02/24/21 09:37	1
n-Butylbenzene	ND		8.2	2.3	ug/m3			02/24/21 09:37	1
<b>o-Xylene</b>	<b>2.5</b>		2.2	0.86	ug/m3			02/24/21 09:37	1
sec-Butylbenzene	ND		8.2	1.6	ug/m3			02/24/21 09:37	1
<b>Styrene</b>	<b>2.4</b>	<b>J</b>	6.4	2.3	ug/m3			02/24/21 09:37	1
Tert-amyl methyl ether	ND		8.4	1.8	ug/m3			02/24/21 09:37	1
<b>tert-Butyl alcohol (TBA)</b>	<b>4.2</b>	<b>J</b>	15	1.1	ug/m3			02/24/21 09:37	1
tert-Butylbenzene	ND		8.2	1.5	ug/m3			02/24/21 09:37	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/m3			02/24/21 09:37	1
<b>Tetrachloroethene</b>	<b>29</b>		3.4	1.1	ug/m3			02/24/21 09:37	1
<b>Toluene</b>	<b>22</b>		19	0.50	ug/m3			02/24/21 09:37	1
trans-1,2-Dichloroethene	ND		2.0	0.50	ug/m3			02/24/21 09:37	1
trans-1,3-Dichloropropene	ND		4.5	0.96	ug/m3			02/24/21 09:37	1
1,2,4-Trichlorobenzene	ND		15	4.9	ug/m3			02/24/21 09:37	1
1,1,1-Trichloroethane	ND		2.7	0.79	ug/m3			02/24/21 09:37	1
1,1,2-Trichloroethane	ND		2.7	0.76	ug/m3			02/24/21 09:37	1
<b>Trichloroethene</b>	<b>2.6</b>	<b>J</b>	2.7	0.96	ug/m3			02/24/21 09:37	1
<b>Trichlorofluoromethane</b>	<b>1.7</b>	<b>J</b>	5.6	1.3	ug/m3			02/24/21 09:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.3	ug/m3			02/24/21 09:37	1
<b>1,2,4-Trimethylbenzene</b>	<b>2.6</b>	<b>J</b>	7.4	1.6	ug/m3			02/24/21 09:37	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			02/24/21 09:37	1
Vinyl acetate	ND		7.0	1.2	ug/m3			02/24/21 09:37	1
Vinyl chloride	ND		1.3	0.41	ug/m3			02/24/21 09:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		67 - 131		02/24/21 09:37	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 130		02/24/21 09:37	1
Toluene-d8 (Surr)	104		70 - 130		02/24/21 09:37	1

# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Client Sample ID: B3-22V

Date Collected: 02/23/21 13:55

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-36

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	350		30	2.4	ug/m3			02/24/21 21:29	2.5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		67 - 131					02/24/21 21:29	2.5
1,2-Dichloroethane-d4 (Surr)	115		70 - 130					02/24/21 21:29	2.5
Toluene-d8 (Surr)	102		70 - 130					02/24/21 21:29	2.5

Client Sample ID: B5-15V

Date Collected: 02/23/21 14:50

Date Received: 02/23/21 17:34

Sample Container: Tedlar Bag 1L

Lab Sample ID: 570-51910-39

Matrix: Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	450		30	2.4	ug/m3			02/24/21 22:24	2.5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		67 - 131					02/24/21 22:24	2.5
1,2-Dichloroethane-d4 (Surr)	111		70 - 130					02/24/21 22:24	2.5
Toluene-d8 (Surr)	103		70 - 130					02/24/21 22:24	2.5

# Surrogate Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

Matrix: Air

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (67-131)	DCA (70-130)	TOL (70-130)
570-51910-31	B1-15V	102	112	103
570-51910-32	B1-25V	102	112	104
570-51910-33	B2-15V	102	112	104
570-51910-34	B2-25V	103	113	105
570-51910-35	B3-15V	103	113	104
570-51910-36	B3-22V	105	113	103
570-51910-36 - DL	B3-22V	103	115	102
570-51910-37	B4-15V	103	113	102
570-51910-38	B4-22V	104	114	104
570-51910-39	B5-15V	102	110	105
570-51910-39 - DL	B5-15V	101	111	103
570-51910-40	B5-25V	99	109	104
570-51910-41	B6-15V	101	109	104
570-51910-42	B6-25V	102	112	104
LCS 570-131206/4	Lab Control Sample	101	113	102
LCS 570-131500/4	Lab Control Sample	98	109	103
LCSD 570-131206/5	Lab Control Sample Dup	99	115	103
LCSD 570-131500/5	Lab Control Sample Dup	98	108	104
MB 570-131206/7	Method Blank	97	118	102
MB 570-131500/7	Method Blank	97	110	103

### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

# QC Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 570-131206/7

Matrix: Air

Analysis Batch: 131206

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		12	0.94	ug/m3			02/23/21 16:01	1
Benzene	ND		1.6	0.50	ug/m3			02/23/21 16:01	1
Benzyl chloride	ND		7.8	2.7	ug/m3			02/23/21 16:01	1
Bromodichloromethane	ND		3.4	0.74	ug/m3			02/23/21 16:01	1
Bromoform	ND		5.2	1.8	ug/m3			02/23/21 16:01	1
Bromomethane	ND		1.9	0.54	ug/m3			02/23/21 16:01	1
2-Butanone	ND		4.4	1.2	ug/m3			02/23/21 16:01	1
Carbon disulfide	ND		16	0.58	ug/m3			02/23/21 16:01	1
Carbon tetrachloride	ND		3.1	1.3	ug/m3			02/23/21 16:01	1
Chlorobenzene	ND		2.3	0.60	ug/m3			02/23/21 16:01	1
Chloroethane	ND		1.3	0.45	ug/m3			02/23/21 16:01	1
Chloroform	ND		2.4	0.78	ug/m3			02/23/21 16:01	1
Chloromethane	ND		1.0	0.33	ug/m3			02/23/21 16:01	1
cis-1,2-Dichloroethene	ND		2.0	0.54	ug/m3			02/23/21 16:01	1
cis-1,3-Dichloropropene	ND		2.3	0.98	ug/m3			02/23/21 16:01	1
Dibromochloromethane	ND		4.3	1.3	ug/m3			02/23/21 16:01	1
1,2-Dibromo-3-Chloropropane	ND		14	2.8	ug/m3			02/23/21 16:01	1
1,2-Dibromoethane	ND		3.8	1.3	ug/m3			02/23/21 16:01	1
1,2-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/23/21 16:01	1
1,3-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/23/21 16:01	1
1,4-Dichlorobenzene	ND		3.0	1.5	ug/m3			02/23/21 16:01	1
Dichlorodifluoromethane	ND		2.5	0.98	ug/m3			02/23/21 16:01	1
1,1-Dichloroethane	ND		2.0	0.42	ug/m3			02/23/21 16:01	1
1,2-Dichloroethane	ND		2.0	0.59	ug/m3			02/23/21 16:01	1
1,1-Dichloroethene	ND		2.0	0.69	ug/m3			02/23/21 16:01	1
1,2-Dichloropropane	ND		2.3	0.64	ug/m3			02/23/21 16:01	1
Dichlorotetrafluoroethane	ND		14	1.3	ug/m3			02/23/21 16:01	1
1,1-Difluoroethane	ND		5.4	0.99	ug/m3			02/23/21 16:01	1
Di-isopropyl ether (DIPE)	ND		8.4	1.5	ug/m3			02/23/21 16:01	1
Ethylbenzene	ND		2.2	1.1	ug/m3			02/23/21 16:01	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	1.2	ug/m3			02/23/21 16:01	1
4-Ethyltoluene	ND		2.5	1.2	ug/m3			02/23/21 16:01	1
Hexachloro-1,3-butadiene	ND		16	6.2	ug/m3			02/23/21 16:01	1
2-Hexanone	ND		6.1	2.6	ug/m3			02/23/21 16:01	1
Isopropanol	ND		120	0.96	ug/m3			02/23/21 16:01	1
Methylene Chloride	ND		17	1.9	ug/m3			02/23/21 16:01	1
4-Methyl-2-pentanone	ND		6.1	2.3	ug/m3			02/23/21 16:01	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	1.2	ug/m3			02/23/21 16:01	1
m,p-Xylene	ND		8.7	2.7	ug/m3			02/23/21 16:01	1
n-Butylbenzene	ND		8.2	2.3	ug/m3			02/23/21 16:01	1
o-Xylene	ND		2.2	0.86	ug/m3			02/23/21 16:01	1
sec-Butylbenzene	ND		8.2	1.6	ug/m3			02/23/21 16:01	1
Styrene	ND		6.4	2.3	ug/m3			02/23/21 16:01	1
Tert-amyl methyl ether	ND		8.4	1.8	ug/m3			02/23/21 16:01	1
tert-Butyl alcohol (TBA)	ND		15	1.1	ug/m3			02/23/21 16:01	1
tert-Butylbenzene	ND		8.2	1.5	ug/m3			02/23/21 16:01	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/m3			02/23/21 16:01	1
Tetrachloroethene	ND		3.4	1.1	ug/m3			02/23/21 16:01	1

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# QC Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 570-131206/7

Matrix: Air

Analysis Batch: 131206

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		19	0.50	ug/m3			02/23/21 16:01	1
trans-1,2-Dichloroethene	ND		2.0	0.50	ug/m3			02/23/21 16:01	1
trans-1,3-Dichloropropene	ND		4.5	0.96	ug/m3			02/23/21 16:01	1
1,2,4-Trichlorobenzene	ND		15	4.9	ug/m3			02/23/21 16:01	1
1,1,1-Trichloroethane	ND		2.7	0.79	ug/m3			02/23/21 16:01	1
1,1,2-Trichloroethane	ND		2.7	0.76	ug/m3			02/23/21 16:01	1
Trichloroethene	ND		2.7	0.96	ug/m3			02/23/21 16:01	1
Trichlorofluoromethane	ND		5.6	1.3	ug/m3			02/23/21 16:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	2.3	ug/m3			02/23/21 16:01	1
1,2,4-Trimethylbenzene	ND		7.4	1.6	ug/m3			02/23/21 16:01	1
1,3,5-Trimethylbenzene	ND		2.5	1.0	ug/m3			02/23/21 16:01	1
Vinyl acetate	ND		7.0	1.2	ug/m3			02/23/21 16:01	1
Vinyl chloride	ND		1.3	0.41	ug/m3			02/23/21 16:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		67 - 131		02/23/21 16:01	1
1,2-Dichloroethane-d4 (Surr)	118		70 - 130		02/23/21 16:01	1
Toluene-d8 (Surr)	102		70 - 130		02/23/21 16:01	1

Lab Sample ID: LCS 570-131206/4

Matrix: Air

Analysis Batch: 131206

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	59.4	59.49		ug/m3		100	69 - 146
Benzene	79.9	89.80		ug/m3		112	70 - 133
Benzyl chloride	129	123.5		ug/m3		95	63 - 130
Bromodichloromethane	168	178.4		ug/m3		107	70 - 130
Bromoform	258	243.7		ug/m3		94	70 - 132
Bromomethane	97.1	106.3		ug/m3		109	70 - 137
2-Butanone	73.7	75.15		ug/m3		102	64 - 143
Carbon disulfide	77.9	87.90		ug/m3		113	70 - 150
Carbon tetrachloride	157	165.5		ug/m3		105	70 - 130
Chlorobenzene	115	109.2		ug/m3		95	70 - 130
Chloroethane	66.0	72.26		ug/m3		110	70 - 137
Chloroform	122	127.2		ug/m3		104	70 - 132
Chloromethane	51.6	59.52		ug/m3		115	65 - 142
cis-1,2-Dichloroethene	99.1	98.35		ug/m3		99	70 - 130
cis-1,3-Dichloropropene	113	108.4		ug/m3		96	70 - 130
Dibromochloromethane	213	206.5		ug/m3		97	70 - 130
1,2-Dibromo-3-Chloropropane	242	205.9		ug/m3		85	68 - 130
1,2-Dibromoethane	192	188.7		ug/m3		98	70 - 130
1,2-Dichlorobenzene	150	137.2		ug/m3		91	70 - 130
1,3-Dichlorobenzene	150	139.2		ug/m3		93	69 - 132
1,4-Dichlorobenzene	150	138.6		ug/m3		92	67 - 132
Dichlorodifluoromethane	124	152.5		ug/m3		123	70 - 142
1,1-Dichloroethane	101	109.5		ug/m3		108	70 - 131
1,2-Dichloroethane	101	111.5		ug/m3		110	70 - 134

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# QC Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-131206/4

Matrix: Air

Analysis Batch: 131206

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	99.1	105.5		ug/m3		106	70 - 130
1,2-Dichloropropane	116	120.5		ug/m3		104	70 - 130
Dichlorotetrafluoroethane	175	204.3		ug/m3		117	70 - 137
1,1-Difluoroethane	67.5	68.13		ug/m3		101	60 - 130
Di-isopropyl ether (DIPE)	104	94.83		ug/m3		91	64 - 130
Ethylbenzene	109	110.2		ug/m3		102	70 - 130
Ethyl-t-butyl ether (ETBE)	104	100.7		ug/m3		96	70 - 130
4-Ethyltoluene	123	116.6		ug/m3		95	70 - 130
Hexachloro-1,3-butadiene	267	210.0		ug/m3		79	55 - 130
2-Hexanone	102	103.5		ug/m3		101	59 - 140
Isopropanol	61.5	61.44	J	ug/m3		100	60 - 130
Methylene Chloride	86.8	86.68		ug/m3		100	70 - 130
4-Methyl-2-pentanone	102	105.9		ug/m3		103	64 - 133
Methyl-t-Butyl Ether (MTBE)	90.1	98.26		ug/m3		109	70 - 132
m,p-Xylene	217	228.9		ug/m3		105	70 - 130
n-Butylbenzene	137	133.3		ug/m3		97	70 - 130
o-Xylene	109	113.2		ug/m3		104	70 - 130
sec-Butylbenzene	137	117.1		ug/m3		85	70 - 130
Styrene	106	100.4		ug/m3		94	70 - 130
Tert-amyl methyl ether	104	101.2		ug/m3		97	70 - 130
tert-Butyl alcohol (TBA)	152	148.9		ug/m3		98	70 - 130
tert-Butylbenzene	137	132.1		ug/m3		96	70 - 130
1,1,2,2-Tetrachloroethane	172	166.9		ug/m3		97	70 - 130
Tetrachloroethene	170	163.5		ug/m3		96	70 - 130
Toluene	94.2	99.27		ug/m3		105	70 - 130
trans-1,2-Dichloroethene	99.1	105.7		ug/m3		107	70 - 140
trans-1,3-Dichloropropene	113	116.5		ug/m3		103	70 - 130
1,2,4-Trichlorobenzene	186	140.3		ug/m3		76	56 - 130
1,1,1-Trichloroethane	136	141.3		ug/m3		104	70 - 137
1,1,2-Trichloroethane	136	138.5		ug/m3		102	70 - 130
Trichloroethene	134	137.6		ug/m3		102	70 - 130
Trichlorofluoromethane	140	168.1		ug/m3		120	70 - 143
1,1,2-Trichloro-1,2,2-trifluoroethane	192	194.7		ug/m3		102	70 - 130
1,2,4-Trimethylbenzene	123	124.0		ug/m3		101	70 - 130
1,3,5-Trimethylbenzene	123	117.8		ug/m3		96	70 - 130
Vinyl acetate	88.0	87.02		ug/m3		99	67 - 138
Vinyl chloride	63.9	68.91		ug/m3		108	70 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		67 - 131
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	102		70 - 130

# QC Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-131206/5

Matrix: Air

Analysis Batch: 131206

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	59.4	57.40		ug/m3		97	69 - 146	4	25
Benzene	79.9	91.81		ug/m3		115	70 - 133	2	25
Benzyl chloride	129	122.2		ug/m3		94	63 - 130	1	25
Bromodichloromethane	168	179.5		ug/m3		107	70 - 130	1	25
Bromoform	258	246.3		ug/m3		95	70 - 132	1	25
Bromomethane	97.1	103.1		ug/m3		106	70 - 137	3	25
2-Butanone	73.7	78.07		ug/m3		106	64 - 143	4	25
Carbon disulfide	77.9	90.65		ug/m3		116	70 - 150	3	25
Carbon tetrachloride	157	165.4		ug/m3		105	70 - 130	0	25
Chlorobenzene	115	110.5		ug/m3		96	70 - 130	1	25
Chloroethane	66.0	68.59		ug/m3		104	70 - 137	5	25
Chloroform	122	129.8		ug/m3		106	70 - 132	2	25
Chloromethane	51.6	58.11		ug/m3		113	65 - 142	2	25
cis-1,2-Dichloroethene	99.1	99.61		ug/m3		100	70 - 130	1	25
cis-1,3-Dichloropropene	113	109.9		ug/m3		97	70 - 130	1	25
Dibromochloromethane	213	205.1		ug/m3		96	70 - 130	1	25
1,2-Dibromo-3-Chloropropane	242	207.6		ug/m3		86	68 - 130	1	25
1,2-Dibromoethane	192	187.2		ug/m3		97	70 - 130	1	25
1,2-Dichlorobenzene	150	138.0		ug/m3		92	70 - 130	1	25
1,3-Dichlorobenzene	150	138.9		ug/m3		92	69 - 132	0	25
1,4-Dichlorobenzene	150	138.5		ug/m3		92	67 - 132	0	25
Dichlorodifluoromethane	124	152.9		ug/m3		124	70 - 142	0	25
1,1-Dichloroethane	101	111.5		ug/m3		110	70 - 131	2	25
1,2-Dichloroethane	101	114.1		ug/m3		113	70 - 134	2	25
1,1-Dichloroethene	99.1	109.0		ug/m3		110	70 - 130	3	25
1,2-Dichloropropane	116	124.7		ug/m3		108	70 - 130	3	25
Dichlorotetrafluoroethane	175	197.5		ug/m3		113	70 - 137	3	25
1,1-Difluoroethane	67.5	68.88		ug/m3		102	60 - 130	1	25
Di-isopropyl ether (DIPE)	104	98.60		ug/m3		94	64 - 130	4	25
Ethylbenzene	109	110.5		ug/m3		102	70 - 130	0	25
Ethyl-t-butyl ether (ETBE)	104	103.2		ug/m3		99	70 - 130	2	25
4-Ethyltoluene	123	117.1		ug/m3		95	70 - 130	0	25
Hexachloro-1,3-butadiene	267	212.9		ug/m3		80	55 - 130	1	25
2-Hexanone	102	104.2		ug/m3		102	59 - 140	1	25
Isopropanol	61.5	60.52	J	ug/m3		98	60 - 130	2	25
Methylene Chloride	86.8	89.06		ug/m3		103	70 - 130	3	25
4-Methyl-2-pentanone	102	106.7		ug/m3		104	64 - 133	1	25
Methyl-t-Butyl Ether (MTBE)	90.1	100.5		ug/m3		112	70 - 132	2	25
m,p-Xylene	217	231.9		ug/m3		107	70 - 130	1	25
n-Butylbenzene	137	132.0		ug/m3		96	70 - 130	1	25
o-Xylene	109	115.6		ug/m3		107	70 - 130	2	25
sec-Butylbenzene	137	117.4		ug/m3		86	70 - 130	0	25
Styrene	106	103.3		ug/m3		97	70 - 130	3	25
Tert-amyl methyl ether	104	103.3		ug/m3		99	70 - 130	2	25
tert-Butyl alcohol (TBA)	152	153.5		ug/m3		101	70 - 130	3	25
tert-Butylbenzene	137	132.4		ug/m3		96	70 - 130	0	25
1,1,2,2-Tetrachloroethane	172	171.1		ug/m3		100	70 - 130	3	25
Tetrachloroethene	170	163.6		ug/m3		96	70 - 130	0	25

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# QC Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-131206/5

Matrix: Air

Analysis Batch: 131206

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	94.2	98.74		ug/m3		105	70 - 130	1	25
trans-1,2-Dichloroethene	99.1	107.8		ug/m3		109	70 - 140	2	25
trans-1,3-Dichloropropene	113	117.2		ug/m3		103	70 - 130	1	25
1,2,4-Trichlorobenzene	186	142.7		ug/m3		77	56 - 130	2	25
1,1,1-Trichloroethane	136	144.1		ug/m3		106	70 - 137	2	25
1,1,2-Trichloroethane	136	140.8		ug/m3		103	70 - 130	2	25
Trichloroethene	134	138.6		ug/m3		103	70 - 130	1	25
Trichlorofluoromethane	140	163.3		ug/m3		116	70 - 143	3	25
1,1,2-Trichloro-1,2,2-trifluoroethane	192	198.7		ug/m3		104	70 - 130	2	25
1,2,4-Trimethylbenzene	123	124.0		ug/m3		101	70 - 130	0	25
1,3,5-Trimethylbenzene	123	118.6		ug/m3		96	70 - 130	1	25
Vinyl acetate	88.0	90.42		ug/m3		103	67 - 138	4	25
Vinyl chloride	63.9	66.61		ug/m3		104	70 - 133	3	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		67 - 131
1,2-Dichloroethane-d4 (Surr)	115		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: MB 570-131500/7

Matrix: Air

Analysis Batch: 131500

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	ND		12	0.94	ug/m3			02/24/21 16:07	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	97		67 - 131					02/24/21 16:07	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 130					02/24/21 16:07	1
Toluene-d8 (Surr)	103		70 - 130					02/24/21 16:07	1

Lab Sample ID: LCS 570-131500/4

Matrix: Air

Analysis Batch: 131500

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acetone			59.4	54.58		ug/m3		92	69 - 146		
Surrogate	LCS %Recovery	LCS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	98		67 - 131								
1,2-Dichloroethane-d4 (Surr)	109		70 - 130								
Toluene-d8 (Surr)	103		70 - 130								

# QC Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-131500/5

Matrix: Air

Analysis Batch: 131500

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	59.4	52.86		ug/m3		89	69 - 146	3	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		67 - 131
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
Toluene-d8 (Surr)	104		70 - 130

## QC Association Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

### Air - GC/MS VOA

#### Analysis Batch: 131206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-51910-31	B1-15V	Total/NA	Air	TO-15	
570-51910-32	B1-25V	Total/NA	Air	TO-15	
570-51910-33	B2-15V	Total/NA	Air	TO-15	
570-51910-34	B2-25V	Total/NA	Air	TO-15	
570-51910-35	B3-15V	Total/NA	Air	TO-15	
570-51910-36	B3-22V	Total/NA	Air	TO-15	
570-51910-37	B4-15V	Total/NA	Air	TO-15	
570-51910-38	B4-22V	Total/NA	Air	TO-15	
570-51910-39	B5-15V	Total/NA	Air	TO-15	
570-51910-40	B5-25V	Total/NA	Air	TO-15	
570-51910-41	B6-15V	Total/NA	Air	TO-15	
570-51910-42	B6-25V	Total/NA	Air	TO-15	
MB 570-131206/7	Method Blank	Total/NA	Air	TO-15	
LCS 570-131206/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-131206/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

#### Analysis Batch: 131500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-51910-36 - DL	B3-22V	Total/NA	Air	TO-15	
570-51910-39 - DL	B5-15V	Total/NA	Air	TO-15	
MB 570-131500/7	Method Blank	Total/NA	Air	TO-15	
LCS 570-131500/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-131500/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

# Lab Chronicle

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

**Client Sample ID: B1-15V**

**Lab Sample ID: 570-51910-31**

**Date Collected: 02/23/21 12:45**

**Matrix: Air**

**Date Received: 02/23/21 17:34**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	131206	02/23/21 23:34	KA4W	ECL 2
Instrument ID: GCMSNN										

**Client Sample ID: B1-25V**

**Lab Sample ID: 570-51910-32**

**Date Collected: 02/23/21 12:55**

**Matrix: Air**

**Date Received: 02/23/21 17:34**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	131206	02/24/21 00:28	KA4W	ECL 2
Instrument ID: GCMSNN										

**Client Sample ID: B2-15V**

**Lab Sample ID: 570-51910-33**

**Date Collected: 02/23/21 13:15**

**Matrix: Air**

**Date Received: 02/23/21 17:34**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	131206	02/24/21 01:23	KA4W	ECL 2
Instrument ID: GCMSNN										

**Client Sample ID: B2-25V**

**Lab Sample ID: 570-51910-34**

**Date Collected: 02/23/21 13:25**

**Matrix: Air**

**Date Received: 02/23/21 17:34**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	131206	02/24/21 02:18	KA4W	ECL 2
Instrument ID: GCMSNN										

**Client Sample ID: B3-15V**

**Lab Sample ID: 570-51910-35**

**Date Collected: 02/23/21 13:45**

**Matrix: Air**

**Date Received: 02/23/21 17:34**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	131206	02/24/21 03:14	KA4W	ECL 2
Instrument ID: GCMSNN										

**Client Sample ID: B3-22V**

**Lab Sample ID: 570-51910-36**

**Date Collected: 02/23/21 13:55**

**Matrix: Air**

**Date Received: 02/23/21 17:34**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	131206	02/24/21 04:10	KA4W	ECL 2
Instrument ID: GCMSNN										
Total/NA	Analysis	TO-15	DL	2.5	400 mL	400 mL	131500	02/24/21 21:29	KA4W	ECL 2
Instrument ID: GCMSNN										

# Lab Chronicle

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

**Client Sample ID: B4-15V**

**Date Collected: 02/23/21 14:10**

**Date Received: 02/23/21 17:34**

**Lab Sample ID: 570-51910-37**

**Matrix: Air**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	131206	02/24/21 05:04	KA4W	ECL 2
Instrument ID: GCMSNN										

**Client Sample ID: B4-22V**

**Date Collected: 02/23/21 14:20**

**Date Received: 02/23/21 17:34**

**Lab Sample ID: 570-51910-38**

**Matrix: Air**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	131206	02/24/21 05:59	KA4W	ECL 2
Instrument ID: GCMSNN										

**Client Sample ID: B5-15V**

**Date Collected: 02/23/21 14:50**

**Date Received: 02/23/21 17:34**

**Lab Sample ID: 570-51910-39**

**Matrix: Air**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	131206	02/24/21 06:53	KA4W	ECL 2
Instrument ID: GCMSNN										
Total/NA	Analysis	TO-15	DL	2.5	400 mL	400 mL	131500	02/24/21 22:24	KA4W	ECL 2
Instrument ID: GCMSNN										

**Client Sample ID: B5-25V**

**Date Collected: 02/23/21 15:00**

**Date Received: 02/23/21 17:34**

**Lab Sample ID: 570-51910-40**

**Matrix: Air**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	131206	02/24/21 07:48	KA4W	ECL 2
Instrument ID: GCMSNN										

**Client Sample ID: B6-15V**

**Date Collected: 02/23/21 15:12**

**Date Received: 02/23/21 17:34**

**Lab Sample ID: 570-51910-41**

**Matrix: Air**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	131206	02/24/21 08:42	KA4W	ECL 2
Instrument ID: GCMSNN										

**Client Sample ID: B6-25V**

**Date Collected: 02/23/21 15:23**

**Date Received: 02/23/21 17:34**

**Lab Sample ID: 570-51910-42**

**Matrix: Air**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	131206	02/24/21 09:37	KA4W	ECL 2
Instrument ID: GCMSNN										

## Laboratory References:

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Eurofins Calscience LLC



## Accreditation/Certification Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

### Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

\* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Calscience LLC

## Method Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	ECL 2

### Protocol References:

EPA = US Environmental Protection Agency

### Laboratory References:

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

## Sample Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-51910-31	B1-15V	Air	02/23/21 12:45	02/23/21 17:34	
570-51910-32	B1-25V	Air	02/23/21 12:55	02/23/21 17:34	
570-51910-33	B2-15V	Air	02/23/21 13:15	02/23/21 17:34	
570-51910-34	B2-25V	Air	02/23/21 13:25	02/23/21 17:34	
570-51910-35	B3-15V	Air	02/23/21 13:45	02/23/21 17:34	
570-51910-36	B3-22V	Air	02/23/21 13:55	02/23/21 17:34	
570-51910-37	B4-15V	Air	02/23/21 14:10	02/23/21 17:34	
570-51910-38	B4-22V	Air	02/23/21 14:20	02/23/21 17:34	
570-51910-39	B5-15V	Air	02/23/21 14:50	02/23/21 17:34	
570-51910-40	B5-25V	Air	02/23/21 15:00	02/23/21 17:34	
570-51910-41	B6-15V	Air	02/23/21 15:12	02/23/21 17:34	
570-51910-42	B6-25V	Air	02/23/21 15:23	02/23/21 17:34	







Calscience

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494  
For courier service / sample drop off information, contact us26\_sales@eurofinsus.com or call us

# CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY	DATE: 02/23/21
	PAGE: 3 OF 5

CLIENT PROJECT NAME / NUMBER	P.O. NO.
8728 Sepulveda Blvd	0950 1013 0
PROJECT CONTACT:	SAMPLER(S) (PRINT)
SCOTT GRASSE 1-562-547-3061	Tim Lambert

## REQUESTED ANALYSES

Please check box or fill in blank as needed	
TPH (g) □ GRO	TPH (d) □ DRO
TPH □ C6-C36 □ C6-C44	TPH
BTEX / MTBE □ 8260 □	VOCs (8260)
Oxygenates (8260)	Prep (5035) □ En Core □ Terra Core
SVOCs (8270)	Pesticides (8081)
PCBs (8082)	PAHs □ 8270 □ 8270 SIM
T22 Metals □ 6010/747X □ 6020/747X	Cr(VI) □ 7196 □ 7199 □ 2186

Date	Time
2-23-2021	17:34
Date	Time
Date	Time

LABORATORY CLIENT: CITADEL EHS	ADDRESS: 1725 VICTORY BLVD
CITY: GLENDALE	STATE: CA ZIP: 91201
TEL: 818-246-2707	E-MAIL: sgrasse@CitadelEHS.com

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")	LOG CODE
<input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input checked="" type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input type="checkbox"/> STANDARD	
<input type="checkbox"/> COELT EDF	

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Field Filtered
		DATE	TIME			
21	B5-5	02-23-21	1003	Soil	1-Sieve	
22	B5-10		1006			
23	B5-15		1008			
24	B5-20		1012			
25	B5-25		1016			
26	B6-5		1125			
27	B6-10		1132			
28	B6-15		1135			
29	B6-20		1139			
30	B6-25		1148			

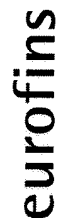
Relinquished by (Signature)	Received by (Signature/Affiliation)
Tim Lambert	SC
Relinquished by (Signature)	Received by (Signature/Affiliation)
Relinquished by (Signature)	Received by (Signature/Affiliation)











## CHAIN OF CUSTODY RECORD

02/23/21

DATE:

5

OF

**CLIENT PROJECT NAME / NUMBER.**

CITADEL EHS

8728 Sepulveda Blvd

1725 VICTORY BLVD.

STATE \_\_\_\_\_ ZIP \_\_\_\_\_

ZIP.

ZIP.

**E-MAIL:**

sgrasse@CitadelEHS.com

**TURNAROUND TIME (Rush surcharges may apply to any "TAT not "STANDARD")**

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAYS ☐ STANDARD☐ COELT EDE

GLOBAL ID

LOG CODE.

## SPECIAL INSTRUCTIONS:

## Report MDLs

2/26/2021

## Login Sample Receipt Checklist

Client: Citadel Environmental Services Inc

Job Number: 570-51910-1

Login Number: 51910

List Number: 1

Creator: Cruise, Noel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

## ANALYTICAL REPORT

Eurofins Calscience LLC  
7440 Lincoln Way  
Garden Grove, CA 92841  
Tel: (714)895-5494

Laboratory Job ID: 570-51910-2  
Client Project/Site: 8728 Sepulveda Blvd.

For:  
Citadel Environmental Services Inc  
1725 Victory Blvd  
Glendale, California 91201

Attn: Scott Grasse



Authorized for release by:  
3/1/2021 8:12:50 AM

Don Burley, Senior Project Manager  
(714)895-5494  
[Donald.Burley@eurofinset.com](mailto:Donald.Burley@eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Definitions/Glossary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

### Qualifiers

#### GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Case Narrative

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

**Job ID: 570-51910-2**

**Laboratory: Eurofins Calscience LLC**

## Narrative

### Job Narrative 570-51910-2

#### Comments

No additional comments.

#### Receipt

The samples were received on 2/23/2021 5:34 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.5° C.

#### GC/MS VOA

Method 8260B: The following analyte recovered outside control limits for the LCS associated with preparation batch 570-132342 and analytical batch 570-132363: 1,2-Dichloropropane. This is not indicative of a systematic control problem because this was a random marginal exceedance. Qualified results have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-132342 and analytical batch 570-132363 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

## Detection Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

### Client Sample ID: B2-5

### Lab Sample ID: 570-51910-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C33-C36	5.6		5.0	mg/Kg	1		8015B	Total/NA
C37-C40	7.3		5.0	mg/Kg	1		8015B	Total/NA
C41-C44	8.5		5.0	mg/Kg	1		8015B	Total/NA
C6-C44	32		5.0	mg/Kg	1		8015B	Total/NA

### Client Sample ID: B4-15

### Lab Sample ID: 570-51910-18

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C41-C44	5.3		5.0	mg/Kg	1		8015B	Total/NA
C6-C44	21		5.0	mg/Kg	1		8015B	Total/NA

### Client Sample ID: B4-22

### Lab Sample ID: 570-51910-20

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	23		20	ug/Kg	1		8260B	Total/NA
C6-C44	14		5.0	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC



# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B2-5  
Date Collected: 02/23/21 08:38  
Date Received: 02/23/21 17:34

Lab Sample ID: 570-51910-6  
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Benzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Bromobenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Bromochloromethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Bromodichloromethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Bromoform	ND		5.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Bromomethane	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
2-Butanone	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Carbon disulfide	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Carbon tetrachloride	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Chlorobenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Chloroethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Chloroform	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Chloromethane	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
2-Chlorotoluene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
4-Chlorotoluene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
cis-1,2-Dichloroethene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
cis-1,3-Dichloropropene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Dibromochloromethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,2-Dibromoethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Dibromomethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,2-Dichlorobenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,3-Dichlorobenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,4-Dichlorobenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Dichlorodifluoromethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,1-Dichloroethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,2-Dichloroethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,1-Dichloroethene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,2-Dichloropropane	ND	+	1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,3-Dichloropropane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
2,2-Dichloropropane	ND		5.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,1-Dichloropropene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Di-isopropyl ether (DIPE)	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Ethanol	ND		250	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Ethylbenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
2-Hexanone	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Isopropylbenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Methylene Chloride	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
4-Methyl-2-pentanone	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
m,p-Xylene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Naphthalene	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
n-Butylbenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
N-Propylbenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
o-Xylene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
p-Isopropyltoluene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
sec-Butylbenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B2-5  
Date Collected: 02/23/21 08:38  
Date Received: 02/23/21 17:34

Lab Sample ID: 570-51910-6  
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Tert-amyl-methyl ether (TAME)	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
tert-Butyl alcohol (TBA)	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
tert-Butylbenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,1,1,2-Tetrachloroethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Tetrachloroethene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Toluene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
trans-1,2-Dichloroethene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
trans-1,3-Dichloropropene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,2,3-Trichlorobenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,2,4-Trichlorobenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,1,1-Trichloroethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,1,2-Trichloroethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Trichloroethene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Trichlorofluoromethane	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,2,3-Trichloropropane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,2,4-Trimethylbenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
1,3,5-Trimethylbenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Vinyl acetate	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:01	1
Vinyl chloride	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120	02/26/21 17:54	02/27/21 02:01	1
Dibromofluoromethane (Surr)	104		79 - 133	02/26/21 17:54	02/27/21 02:01	1
1,2-Dichloroethane-d4 (Surr)	102		71 - 155	02/26/21 17:54	02/27/21 02:01	1
Toluene-d8 (Surr)	99		80 - 120	02/26/21 17:54	02/27/21 02:01	1

Client Sample ID: B4-15  
Date Collected: 02/23/21 08:18  
Date Received: 02/23/21 17:34

Lab Sample ID: 570-51910-18  
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Benzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Bromobenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Bromochloromethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Bromodichloromethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Bromoform	ND		5.1	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Bromomethane	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
2-Butanone	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Carbon disulfide	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Carbon tetrachloride	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Chlorobenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Chloroethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Chloroform	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Chloromethane	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
2-Chlorotoluene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
4-Chlorotoluene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
cis-1,2-Dichloroethene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B4-15  
Date Collected: 02/23/21 08:18  
Date Received: 02/23/21 17:34

Lab Sample ID: 570-51910-18  
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Dibromochloromethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,2-Dibromoethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Dibromomethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,2-Dichlorobenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,3-Dichlorobenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,4-Dichlorobenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Dichlorodifluoromethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,1-Dichloroethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,2-Dichloroethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,1-Dichloroethene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,2-Dichloropropane	ND	+	1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,3-Dichloropropane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
2,2-Dichloropropane	ND		5.1	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,1-Dichloropropene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Di-isopropyl ether (DIPE)	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Ethanol	ND		250	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Ethylbenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
2-Hexanone	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Isopropylbenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Methylene Chloride	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
4-Methyl-2-pentanone	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
m,p-Xylene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Naphthalene	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
n-Butylbenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
N-Propylbenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
o-Xylene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
p-Isopropyltoluene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
sec-Butylbenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Styrene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Tert-amyl-methyl ether (TAME)	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
tert-Butyl alcohol (TBA)	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
tert-Butylbenzene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,1,1,2-Tetrachloroethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Tetrachloroethene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Toluene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
trans-1,2-Dichloroethene	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
trans-1,3-Dichloropropene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,2,3-Trichlorobenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,2,4-Trichlorobenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,1,1-Trichloroethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,1,2-Trichloroethane	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Trichloroethene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Trichlorofluoromethane	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,2,3-Trichloropropane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: B4-15**  
**Date Collected: 02/23/21 08:18**  
**Date Received: 02/23/21 17:34**

**Lab Sample ID: 570-51910-18**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,2,4-Trimethylbenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
1,3,5-Trimethylbenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Vinyl acetate	ND		10	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Vinyl chloride	ND		1.0	ug/Kg		02/26/21 17:54	02/27/21 02:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120			02/26/21 17:54	02/27/21 02:29	1
Dibromofluoromethane (Surr)	105		79 - 133			02/26/21 17:54	02/27/21 02:29	1
1,2-Dichloroethane-d4 (Surr)	104		71 - 155			02/26/21 17:54	02/27/21 02:29	1
Toluene-d8 (Surr)	100		80 - 120			02/26/21 17:54	02/27/21 02:29	1

**Client Sample ID: B4-22**  
**Date Collected: 02/23/21 08:31**  
**Date Received: 02/23/21 17:34**

**Lab Sample ID: 570-51910-20**  
**Matrix: Solid**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	23		20	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Benzene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Bromobenzene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Bromochloromethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Bromodichloromethane	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Bromoform	ND		4.9	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Bromomethane	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
2-Butanone	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Carbon disulfide	ND		9.9	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Carbon tetrachloride	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Chlorobenzene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Chloroethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Chloroform	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Chloromethane	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
2-Chlorotoluene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
4-Chlorotoluene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
cis-1,2-Dichloroethene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
cis-1,3-Dichloropropene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Dibromochloromethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,2-Dibromo-3-Chloropropane	ND		9.9	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,2-Dibromoethane	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Dibromomethane	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,2-Dichlorobenzene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,3-Dichlorobenzene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,4-Dichlorobenzene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Dichlorodifluoromethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,1-Dichloroethane	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,2-Dichloroethane	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,1-Dichloroethene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,2-Dichloropropane	ND	+	0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,3-Dichloropropane	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
2,2-Dichloropropane	ND		4.9	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,1-Dichloropropene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Di-isopropyl ether (DIPE)	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1

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# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B4-22  
Date Collected: 02/23/21 08:31  
Date Received: 02/23/21 17:34

Lab Sample ID: 570-51910-20  
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		250	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Ethylbenzene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Ethyl-t-butyl ether (ETBE)	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
2-Hexanone	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Isopropylbenzene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Methylene Chloride	ND		9.9	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
4-Methyl-2-pentanone	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
m,p-Xylene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Naphthalene	ND		9.9	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
n-Butylbenzene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
N-Propylbenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
o-Xylene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
p-Isopropyltoluene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
sec-Butylbenzene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Styrene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Tert-amyl-methyl ether (TAME)	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
tert-Butyl alcohol (TBA)	ND		20	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
tert-Butylbenzene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,1,1,2-Tetrachloroethane	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Tetrachloroethene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Toluene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
trans-1,2-Dichloroethene	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
trans-1,3-Dichloropropene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,2,3-Trichlorobenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,2,4-Trichlorobenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,1,1-Trichloroethane	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,1,2-Trichloroethane	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Trichloroethene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Trichlorofluoromethane	ND		9.9	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,2,3-Trichloropropane	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,2,4-Trimethylbenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
1,3,5-Trimethylbenzene	ND		2.0	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Vinyl acetate	ND		9.9	ug/Kg		02/26/21 17:54	02/27/21 02:56	1
Vinyl chloride	ND		0.99	ug/Kg		02/26/21 17:54	02/27/21 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120	02/26/21 17:54	02/27/21 02:56	1
Dibromofluoromethane (Surr)	106		79 - 133	02/26/21 17:54	02/27/21 02:56	1
1,2-Dichloroethane-d4 (Surr)	101		71 - 155	02/26/21 17:54	02/27/21 02:56	1
Toluene-d8 (Surr)	98		80 - 120	02/26/21 17:54	02/27/21 02:56	1

# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B2-5  
Date Collected: 02/23/21 08:38  
Date Received: 02/23/21 17:34

Lab Sample ID: 570-51910-6  
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C7 as C7	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C8 as C8	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C9-C10	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C11-C12	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C13-C14	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C15-C16	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C17-C18	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C19-C20	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C21-C22	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C23-C24	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C25-C28	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C29-C32	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C33-C36	5.6		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C37-C40	7.3		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C41-C44	8.5		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1
C6-C44	32		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	93		61 - 145	02/24/21 13:54	02/25/21 23:22	1

Client Sample ID: B4-15  
Date Collected: 02/23/21 08:18  
Date Received: 02/23/21 17:34

Lab Sample ID: 570-51910-18  
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C7 as C7	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C8 as C8	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C9-C10	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C11-C12	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C13-C14	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C15-C16	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C17-C18	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C19-C20	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C21-C22	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C23-C24	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C25-C28	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C29-C32	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C33-C36	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C37-C40	ND		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C41-C44	5.3		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1
C6-C44	21		5.0	mg/Kg		02/24/21 13:54	02/25/21 23:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	86		61 - 145	02/24/21 13:54	02/25/21 23:43	1

# Client Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B4-22  
Date Collected: 02/23/21 08:31  
Date Received: 02/23/21 17:34

Lab Sample ID: 570-51910-20  
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C7 as C7	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C8 as C8	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C9-C10	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C11-C12	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C13-C14	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C15-C16	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C17-C18	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C19-C20	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C21-C22	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C23-C24	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C25-C28	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C29-C32	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C33-C36	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C37-C40	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
C41-C44	ND		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
<b>C6-C44</b>	<b>14</b>		5.0	mg/Kg		02/24/21 13:54	02/26/21 00:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	90		61 - 145			02/24/21 13:54	02/26/21 00:05	1



# Surrogate Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (80-120)	DBFM (79-133)	DCA (71-155)	TOL (80-120)
440-279518-B-16-D MS	Matrix Spike	97	103	100	100
440-279518-B-16-E MSD	Matrix Spike Duplicate	100	106	101	99
570-51910-6	B2-5	97	104	102	99
570-51910-18	B4-15	97	105	104	100
570-51910-20	B4-22	98	106	101	98
LCS 570-132342/2-A	Lab Control Sample	101	104	97	100
LCSD 570-132342/3-A	Lab Control Sample Dup	100	102	97	100
MB 570-132342/1-A	Method Blank	100	104	102	99
<b>Surrogate Legend</b>					
BFB = 4-Bromofluorobenzene (Surr)					
DBFM = Dibromofluoromethane (Surr)					
DCA = 1,2-Dichloroethane-d4 (Surr)					
TOL = Toluene-d8 (Surr)					

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		OTCSN1 (61-145)	
570-51910-6	B2-5	93	
570-51910-18	B4-15	86	
570-51910-20	B4-22	90	
570-51943-A-1-A MS	Matrix Spike	89	
570-51943-A-1-B MSD	Matrix Spike Duplicate	83	
LCS 570-131567/2-A	Lab Control Sample	89	
LCSD 570-131567/3-A	Lab Control Sample Dup	81	
MB 570-131567/1-A	Method Blank	91	
<b>Surrogate Legend</b>			
OTCSN = n-Octacosane (Surr)			

# QC Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-132342/1-A

Matrix: Solid

Analysis Batch: 132363

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132342

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Benzene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Bromobenzene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Bromochloromethane	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Bromodichloromethane	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Bromoform	ND		5.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Bromomethane	ND		20	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
2-Butanone	ND		20	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Carbon disulfide	ND		10	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Carbon tetrachloride	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Chlorobenzene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Chloroethane	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Chloroform	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Chloromethane	ND		20	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
2-Chlorotoluene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
4-Chlorotoluene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
cis-1,2-Dichloroethene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
cis-1,3-Dichloropropene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Dibromochloromethane	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,2-Dibromoethane	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Dibromomethane	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,2-Dichlorobenzene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,3-Dichlorobenzene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,4-Dichlorobenzene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Dichlorodifluoromethane	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,1-Dichloroethane	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,2-Dichloroethane	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,1-Dichloroethene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,2-Dichloropropane	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,3-Dichloropropane	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
2,2-Dichloropropane	ND		5.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,1-Dichloropropene	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Di-isopropyl ether (DIPE)	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Ethanol	ND		250	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Ethylbenzene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
2-Hexanone	ND		20	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Isopropylbenzene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Methylene Chloride	ND		10	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
4-Methyl-2-pentanone	ND		20	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
m,p-Xylene	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Naphthalene	ND		10	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
n-Butylbenzene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
N-Propylbenzene	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
o-Xylene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
p-Isopropyltoluene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1

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# QC Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-132342/1-A

Matrix: Solid

Analysis Batch: 132363

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132342

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Styrene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Tert-amyl-methyl ether (TAME)	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
tert-Butyl alcohol (TBA)	ND		20	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
tert-Butylbenzene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,1,1,2-Tetrachloroethane	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Tetrachloroethene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Toluene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
trans-1,2-Dichloroethene	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
trans-1,3-Dichloropropene	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,2,3-Trichlorobenzene	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,2,4-Trichlorobenzene	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,1,1-Trichloroethane	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,1,2-Trichloroethane	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Trichloroethene	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Trichlorofluoromethane	ND		10	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,2,3-Trichloropropane	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,2,4-Trimethylbenzene	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
1,3,5-Trimethylbenzene	ND		2.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Vinyl acetate	ND		10	ug/Kg		02/26/21 17:37	02/26/21 22:53	1
Vinyl chloride	ND		1.0	ug/Kg		02/26/21 17:37	02/26/21 22:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		80 - 120	02/26/21 17:37	02/26/21 22:53	1
Dibromofluoromethane (Surr)	104		79 - 133	02/26/21 17:37	02/26/21 22:53	1
1,2-Dichloroethane-d4 (Surr)	102		71 - 155	02/26/21 17:37	02/26/21 22:53	1
Toluene-d8 (Surr)	99		80 - 120	02/26/21 17:37	02/26/21 22:53	1

Lab Sample ID: LCS 570-132342/2-A

Matrix: Solid

Analysis Batch: 132363

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	50.1	53.44		ug/Kg		107	78 - 120
Carbon tetrachloride	50.1	57.68		ug/Kg		115	49 - 139
Chlorobenzene	50.1	57.98		ug/Kg		116	79 - 120
1,2-Dibromoethane	50.1	57.57		ug/Kg		115	70 - 130
1,2-Dichlorobenzene	50.1	57.23		ug/Kg		114	75 - 120
1,2-Dichloroethane	50.1	58.45		ug/Kg		117	70 - 130
1,1-Dichloroethene	50.1	49.94		ug/Kg		100	74 - 122
Di-isopropyl ether (DIPE)	50.1	56.78		ug/Kg		113	78 - 120
Ethanol	50.1	491.6		ug/Kg		98	56 - 140
Ethylbenzene	50.1	55.35		ug/Kg		110	76 - 120
Ethyl-t-butyl ether (ETBE)	50.1	53.83		ug/Kg		107	70 - 124
Methyl-t-Butyl Ether (MTBE)	50.1	52.43		ug/Kg		105	70 - 124
m,p-Xylene	100	109.2		ug/Kg		109	70 - 130

Eurofins Calscience LLC

# QC Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-132342/2-A

Matrix: Solid

Analysis Batch: 132363

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	50.1	54.98		ug/Kg		110	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	101		80 - 120				
Dibromofluoromethane (Surr)	104		79 - 133				
1,2-Dichloroethane-d4 (Surr)	97		71 - 155				
Toluene-d8 (Surr)	100		80 - 120				

Lab Sample ID: LCSD 570-132342/3-A

Matrix: Solid

Analysis Batch: 132363

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132342

Top Data: 102000							Top Data: 102042			
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit	
							Limits			
Benzene	49.4	48.44		ug/Kg		98	78 - 120	10	20	
Carbon tetrachloride	49.4	53.58		ug/Kg		108	49 - 139	7	20	
Chlorobenzene	49.4	52.72		ug/Kg		107	79 - 120	10	20	
1,2-Dibromoethane	49.4	52.44		ug/Kg		106	70 - 130	9	20	
1,2-Dichlorobenzene	49.4	52.12		ug/Kg		105	75 - 120	9	20	
1,2-Dichloroethane	49.4	53.45		ug/Kg		108	70 - 130	9	20	
1,1-Dichloroethene	49.4	45.30		ug/Kg		92	74 - 122	10	20	
Di-isopropyl ether (DIPE)	49.4	51.61		ug/Kg		104	78 - 120	10	20	
Ethanol	49.4	452.3		ug/Kg		92	56 - 140	8	20	
Ethylbenzene	49.4	50.68		ug/Kg		103	76 - 120	9	20	
Ethyl-t-butyl ether (ETBE)	49.4	49.54		ug/Kg		100	70 - 124	8	20	
Methyl-t-Butyl Ether (MTBE)	49.4	46.79		ug/Kg		95	70 - 124	11	20	
m,p-Xylene	98.8	99.32		ug/Kg		101	70 - 130	9	20	
o-Xylene	49.4	50.41		ug/Kg		102	70 - 130	9	20	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	100		80 - 120							
Dibromofluoromethane (Surr)	102		79 - 133							
1,2-Dichloroethane-d4 (Surr)	97		71 - 155							
Toluene-d8 (Surr)	100		80 - 120							

Lab Sample ID: 440-279518-B-16-D MS

Matrix: Solid

Analysis Batch: 132363

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 132342

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		50.6	49.34		ug/Kg		97	61 - 127
Carbon tetrachloride	ND		50.6	51.91		ug/Kg		103	51 - 135
Chlorobenzene	ND		50.6	52.72		ug/Kg		104	57 - 123
1,2-Dibromoethane	ND		50.6	54.69		ug/Kg		108	64 - 124
1,2-Dichlorobenzene	ND		50.6	50.18		ug/Kg		99	35 - 131
1,2-Dichloroethane	ND		50.6	55.00		ug/Kg		109	70 - 130
1,1-Dichloroethene	ND		50.6	44.89		ug/Kg		89	47 - 143
Di-isopropyl ether (DIPE)	ND		50.6	53.35		ug/Kg		105	57 - 129
Ethanol	ND		506	529.0		ug/Kg		105	17 - 167

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# QC Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-279518-B-16-D MS

Matrix: Solid

Analysis Batch: 132363

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 132342

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	ND		50.6	50.07		ug/Kg		99	57 - 129
Ethyl-t-butyl ether (ETBE)	ND		50.6	51.25		ug/Kg		101	55 - 127
Methyl-t-Butyl Ether (MTBE)	ND		50.6	49.23		ug/Kg		97	57 - 123
m,p-Xylene	ND		101	97.57		ug/Kg		96	70 - 130
o-Xylene	ND		50.6	50.03		ug/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	103		79 - 133
1,2-Dichloroethane-d4 (Surr)	100		71 - 155
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 440-279518-B-16-E MSD

Matrix: Solid

Analysis Batch: 132363

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 132342

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	ND		48.7	44.95		ug/Kg		92	61 - 127	9	20
Carbon tetrachloride	ND		48.7	51.27		ug/Kg		105	51 - 135	1	29
Chlorobenzene	ND		48.7	48.35		ug/Kg		99	57 - 123	9	20
1,2-Dibromoethane	ND		48.7	49.90		ug/Kg		102	64 - 124	9	20
1,2-Dichlorobenzene	ND		48.7	45.26		ug/Kg		93	35 - 131	10	25
1,2-Dichloroethane	ND		48.7	50.18		ug/Kg		103	70 - 130	9	20
1,1-Dichloroethene	ND		48.7	43.47		ug/Kg		89	47 - 143	3	25
Di-isopropyl ether (DIPE)	ND		48.7	50.10		ug/Kg		103	57 - 129	6	20
Ethanol	ND		48.7	438.8		ug/Kg		90	17 - 167	19	47
Ethylbenzene	ND		48.7	45.99		ug/Kg		94	57 - 129	8	22
Ethyl-t-butyl ether (ETBE)	ND		48.7	48.05		ug/Kg		99	55 - 127	6	20
Methyl-t-Butyl Ether (MTBE)	ND		48.7	46.84		ug/Kg		96	57 - 123	5	21
m,p-Xylene	ND		97.5	89.75		ug/Kg		92	70 - 130	8	20
o-Xylene	ND		48.7	45.87		ug/Kg		94	70 - 130	9	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	106		79 - 133
1,2-Dichloroethane-d4 (Surr)	101		71 - 155
Toluene-d8 (Surr)	99		80 - 120

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-131567/1-A

Matrix: Solid

Analysis Batch: 131523

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131567

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C7 as C7	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C8 as C8	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1

Eurofins Calscience LLC

# QC Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 570-131567/1-A

Matrix: Solid

Analysis Batch: 131523

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131567

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C9-C10	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C11-C12	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C13-C14	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C15-C16	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C17-C18	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C19-C20	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C21-C22	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C23-C24	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C25-C28	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C29-C32	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C33-C36	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C37-C40	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C41-C44	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1
C6-C44	ND		5.0	mg/Kg		02/24/21 13:52	02/25/21 09:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	91		61 - 145	02/24/21 13:52	02/25/21 09:58	1

Lab Sample ID: LCS 570-131567/2-A

Matrix: Solid

Analysis Batch: 131523

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131567

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			400	477.5		mg/Kg		119	67 - 121		
Surrogate	LCS %Recovery	LCS Qualifier	Limits								
n-Octacosane (Surr)	89		61 - 145								

Lab Sample ID: LCSD 570-131567/3-A

Matrix: Solid

Analysis Batch: 131523

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131567

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	439.0		mg/Kg		110	67 - 121	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
n-Octacosane (Surr)	81		61 - 145								

Lab Sample ID: 570-51943-A-1-A MS

Matrix: Solid

Analysis Batch: 131523

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 131567

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	27		396	488.5		mg/Kg		116	33 - 153

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# QC Sample Results

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-51943-A-1-A MS

Matrix: Solid

Analysis Batch: 131523

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 131567

	<i>MS</i>	<i>MS</i>	
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
<i>n-Octacosane (Surr)</i>	89		61 - 145

Lab Sample ID: 570-51943-A-1-B MSD

Matrix: Solid

Analysis Batch: 131523

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 131567

Rep. Date: 10/10/20											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	27		402	492.2		mg/Kg		116	33 - 153	1	32

	<i>MSD</i>	<i>MSD</i>	
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
<i>n-Octacosane (Surr)</i>	83		61 - 145



# QC Association Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

## GC/MS VOA

### Prep Batch: 132342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-51910-6	B2-5	Total/NA	Solid	5030C	
570-51910-18	B4-15	Total/NA	Solid	5030C	
570-51910-20	B4-22	Total/NA	Solid	5030C	
MB 570-132342/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-132342/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-132342/3-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
440-279518-B-16-D MS	Matrix Spike	Total/NA	Solid	5030C	
440-279518-B-16-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5030C	

### Analysis Batch: 132363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-51910-6	B2-5	Total/NA	Solid	8260B	132342
570-51910-18	B4-15	Total/NA	Solid	8260B	132342
570-51910-20	B4-22	Total/NA	Solid	8260B	132342
MB 570-132342/1-A	Method Blank	Total/NA	Solid	8260B	132342
LCS 570-132342/2-A	Lab Control Sample	Total/NA	Solid	8260B	132342
LCSD 570-132342/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B	132342
440-279518-B-16-D MS	Matrix Spike	Total/NA	Solid	8260B	132342
440-279518-B-16-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	132342

## GC Semi VOA

### Analysis Batch: 131523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-131567/1-A	Method Blank	Total/NA	Solid	8015B	131567
LCS 570-131567/2-A	Lab Control Sample	Total/NA	Solid	8015B	131567
LCSD 570-131567/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	131567
570-51943-A-1-A MS	Matrix Spike	Total/NA	Solid	8015B	131567
570-51943-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	131567

### Prep Batch: 131567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-51910-6	B2-5	Total/NA	Solid	3550C	
570-51910-18	B4-15	Total/NA	Solid	3550C	
570-51910-20	B4-22	Total/NA	Solid	3550C	
MB 570-131567/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-131567/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-131567/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-51943-A-1-A MS	Matrix Spike	Total/NA	Solid	3550C	
570-51943-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

### Analysis Batch: 132031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-51910-6	B2-5	Total/NA	Solid	8015B	131567
570-51910-18	B4-15	Total/NA	Solid	8015B	131567
570-51910-20	B4-22	Total/NA	Solid	8015B	131567

# Lab Chronicle

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

**Client Sample ID: B2-5**

**Lab Sample ID: 570-51910-6**

**Date Collected: 02/23/21 08:38**

**Matrix: Solid**

**Date Received: 02/23/21 17:34**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.96 g	5 mL	132342	02/26/21 17:54	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	132363	02/27/21 02:01	U4JL	ECL 2
Instrument ID: GCMSQ										
Total/NA	Prep	3550C			10.01 g	10 mL	131567	02/24/21 13:54	EM5C	ECL 1
Total/NA	Analysis	8015B		1			132031	02/25/21 23:22	N1A	ECL 1
Instrument ID: GC47										

**Client Sample ID: B4-15**

**Lab Sample ID: 570-51910-18**

**Date Collected: 02/23/21 08:18**

**Matrix: Solid**

**Date Received: 02/23/21 17:34**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.92 g	5 mL	132342	02/26/21 17:54	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	132363	02/27/21 02:29	U4JL	ECL 2
Instrument ID: GCMSQ										
Total/NA	Prep	3550C			10.00 g	10 mL	131567	02/24/21 13:54	EM5C	ECL 1
Total/NA	Analysis	8015B		1			132031	02/25/21 23:43	N1A	ECL 1
Instrument ID: GC47										

**Client Sample ID: B4-22**

**Lab Sample ID: 570-51910-20**

**Date Collected: 02/23/21 08:31**

**Matrix: Solid**

**Date Received: 02/23/21 17:34**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.07 g	5 mL	132342	02/26/21 17:54	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	132363	02/27/21 02:56	U4JL	ECL 2
Instrument ID: GCMSQ										
Total/NA	Prep	3550C			9.99 g	10 mL	131567	02/24/21 13:54	EM5C	ECL 1
Total/NA	Analysis	8015B		1			132031	02/26/21 00:05	N1A	ECL 1
Instrument ID: GC47										

## Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

## Accreditation/Certification Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

### Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

\* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Calscience LLC

## Method Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

## Sample Summary

Client: Citadel Environmental Services Inc  
Project/Site: 8728 Sepulveda Blvd.

Job ID: 570-51910-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-51910-6	B2-5	Solid	02/23/21 08:38	02/23/21 17:34	
570-51910-18	B4-15	Solid	02/23/21 08:18	02/23/21 17:34	
570-51910-20	B4-22	Solid	02/23/21 08:31	02/23/21 17:34	

## Burley, Donald

---

**From:** Scott Grasse <SGrasse@citadelehs.com>  
**Sent:** Wednesday, February 24, 2021 7:47 AM  
**To:** Burley, Donald  
**Cc:** Tim Lambert  
**Subject:** RE: Citadel - 6728 Sepulveda

EXTERNAL EMAIL\*

Don,

Please analyze the following soil samples for VOC by 8260B and TPH full range with 72-hour TAT. I understand results will be available Monday morning or possible Friday afternoon.

B2-5  
B4-15  
B4-25

Thank you, Scott

**Scott Grasse, PG, MSc**

Project Geologist



Long Beach Office

2525 Cherry Ave., Suite 105  *Advantage*

Signal Hill, CA 90755

**P:** 818.246.2702 | **C:** 562.547.3061 | **D:** 818.200.5502

**[www.CitadelEHS.com](http://www.CitadelEHS.com)**

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---

**From:** Burley, Donald <Donald.Burley@eurofinset.com>

**Sent:** Tuesday, February 23, 2021 2:37 PM

**To:** Scott Grasse <SGrasse@citadelehs.com>

**Subject:** RE: Citadel - 6728 Sepulveda

Scott,

\$45 for TPH full range (C6-C44)  
\$75 for VOCs full list

Thank you.

Don

---

**From:** Scott Grasse <[SGrasse@citadelehs.com](mailto:SGrasse@citadelehs.com)>  
**Sent:** Tuesday, February 23, 2021 2:27 PM  
**To:** Burley, Donald <[Donald.Burley@eurofinset.com](mailto:Donald.Burley@eurofinset.com)>  
**Cc:** Tim Lambert <[tlambert@citadelehs.com](mailto:tlambert@citadelehs.com)>  
**Subject:** RE: Citadel - 6728 Sepulveda

EXTERNAL EMAIL\*

Also TPH full range – for \$45

**Scott Grasse, PG, MSc**

Project Geologist



Long Beach Office

2525 Cherry Ave., Suite 105  **GSA Advantage**  
Signal Hill, CA 90755

**P:** 818.246.2702 | **C:** 562.547.3061 | **D:** 818.200.5502

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---

**From:** Burley, Donald <[Donald.Burley@eurofinset.com](mailto:Donald.Burley@eurofinset.com)>  
**Sent:** Tuesday, February 23, 2021 1:38 PM  
**To:** Scott Grasse <[SGrasse@citadelehs.com](mailto:SGrasse@citadelehs.com)>  
**Cc:** Tim Lambert <[tlambert@citadelehs.com](mailto:tlambert@citadelehs.com)>  
**Subject:** RE: Citadel - 6728 Sepulveda

Scott,

If the samples are here by 7pm tonight, we can get results to you by end of Friday for the 72-hour TAT. If we get the samples before noon tomorrow, we can have results to you before noon on Monday for the 72-hour TAT. Do you want be to cancel the courier sample pickup tomorrow? Thanks.

Don

---

**From:** Scott Grasse <[SGrasse@citadelehs.com](mailto:SGrasse@citadelehs.com)>  
**Sent:** Tuesday, February 23, 2021 1:33 PM  
**To:** Burley, Donald <[Donald.Burley@eurofinset.com](mailto:Donald.Burley@eurofinset.com)>



Cc: Tim Lambert <[tlambert@citadelehs.com](mailto:tlambert@citadelehs.com)>

Subject: RE: Citadel - 6728 Sepulveda

EXTERNAL EMAIL\*

Thanks Don. If we get them early enough Monday morning we are ok. What is the latest tomorrow morning we could get you the samples and still get results by Monday morning with 72 hour turn around time. If we get them to you tonight before 7pm could we get results just as early or earlier on Monday morning with 72 hour TAT?

**Scott Grasse, PG, MSc**

Project Geologist



Long Beach Office

2525 Cherry Ave., Suite 105  *Advantage*  
Signal Hill, CA 90755

P: 818.246.2702 | C: 562.547.3061 | D: 818.200.5502

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---

**From:** Burley, Donald <[Donald.Burley@eurofinset.com](mailto:Donald.Burley@eurofinset.com)>

**Sent:** Tuesday, February 23, 2021 11:36 AM

**To:** Scott Grasse <[SGrasse@citadelehs.com](mailto:SGrasse@citadelehs.com)>

**Cc:** Tim Lambert <[tlambert@citadelehs.com](mailto:tlambert@citadelehs.com)>

**Subject:** RE: Citadel - 6728 Sepulveda

Scott,

I will get the sample pickup scheduled for tomorrow. The TAT starts when the samples get back to the lab. So results Thursday would be 1-day TAT; results Friday would be a 2-day TAT (50%); results Monday would be a 3-day TAT (25%). Thank you.

Don

---

**From:** Scott Grasse <[SGrasse@citadelehs.com](mailto:SGrasse@citadelehs.com)>

**Sent:** Tuesday, February 23, 2021 11:16 AM

**To:** Burley, Donald <[Donald.Burley@eurofinset.com](mailto:Donald.Burley@eurofinset.com)>

**Cc:** Tim Lambert <[tlambert@citadelehs.com](mailto:tlambert@citadelehs.com)>

**Subject:** Citadel - 6728 Sepulveda

EXTERNAL EMAIL\*

Don,

We have 12 tedlar bags with vapor samples that need analysis. Would you be able to pick them up from the Glendale office tomorrow?

We would also like to have them analyzed for VOCs by TO-15 since your pricing is the same as 8260 at \$125. We need the results by Friday afternoon. Is that possible with a pickup tomorrow and a 72-hour +25% surcharge?

Thanks Scott

**Scott Grasse, PG, MSc**

Project Geologist



Long Beach Office

2525 Cherry Ave., Suite 105  *Advantage*

Signal Hill, CA 90755

**P:** 818.246.2702 | **C:** 562.547.3061 | **D:** 818.200.5502

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Calscience

7440 Lincoln Way, Garden Grove, CA 92641-1427 • (714) 895-5494  
For courier service / sample drop off information, contact us26\_sales@eurofins.com or call us

LABORATORY CLIENT: CITADEL EHS

ADDRESS 1725 VICTORY BLVD

CITY: GLENDALE

TEL. 818-246-2707

E-MAIL.

sgrasse@CitadelEHS.com

STATE: CA ZIP 91201

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAYS ☐ STANDARD

☐ COELT EDF

GLOBAL ID

LOG CODE

SPECIAL INSTRUCTIONS

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	TIME	MATRIX	NO. OF CONT.
1	B1-5	02-23-21	0731	Soil	1-Sleeve
2	B1-10		0733		
3	B1-15		0746		
4	B1-20		0748		
5	B1-25		0755		
6	B2-5		0838		
7	B2-10		0841		
8	B2-15		0844		
9	B2-20		0847		
10	B2-25		0850		

Relinquished by (Signature)

*Tim Lambert*

Relinquished by (Signature)

Relinquished by (Signature)

Received by: (Signature/Affiliation)

*CI*

Received by: (Signature/Affiliation)

Received by: (Signature/Affiliation)



# CHAIN OF CUSTODY RECORD

DATE: 02/23/21

PAGE: 1 OF 5

570-51910 Chain of Custody

CLIENT PROJECT NAME / NUMBER:

8728 Sepulveda Blvd

PROJECT CONTACT:

SCOTT GRASSE 1-562-547-3061

P O NO

0950 1013 0

SAMPLER(S) (PRINT)

*Tim Lambert*

## REQUESTED ANALYSES

Please check box or fill in blank as needed

<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	<input type="checkbox"/> TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	<input type="checkbox"/> BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	<input type="checkbox"/> VOCs (8260)	<input type="checkbox"/> Oxygenates (8260)	<input type="checkbox"/> Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	<input type="checkbox"/> SVOCs (8270)	<input type="checkbox"/> Pesticides (8081)	<input type="checkbox"/> PCBs (8082)	<input type="checkbox"/> PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	<input type="checkbox"/> T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	<input type="checkbox"/> Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6
--	--	--	---	--------------------------------------	--	---	---------------------------------------	--	--------------------------------------	---	---	--

Time:

17:34

Date:

2-23-2021

Time:

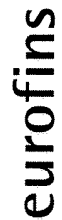
Date:

Time:

Date:

4-6/35 scg

06/02/14 Revision



## CHAIN OF CUSTODY RECORD

02/23/21

DATE:

PAGE: 2

PAGE: 2

LABORATORY CLIENT

CITADEL EHS

ADDRESS

1725 VICTORY BLVD

CITY. GLENDALE

CITY: GLENDALE

TEL.

TEL.

[sgrasse@CitadelEHS.com](mailto:sgrasse@CitadelEHS.com)

**TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")**

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAYS ☐ STANDARD☐ COELT EDF

GLOBAL ID

### SPECIAL INSTRUCTIONS

**LAB USE**



1000

2

3



.....

2

100



?

1

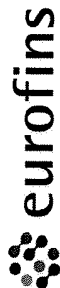
10

**Relinquished by\* (Signature)**

**Relinquished by\* (Signature)**

**Relinquished by (Signature)**

06/02/14 Revision



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# CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY	DATE: 02/23/21
	PAGE: 3 OF 5

LABORATORY CLIENT: CITADEL EHS	CLIENT PROJECT NAME / NUMBER
ADDRESS: 1725 VICTORY BLVD	8728 Sepulveda Blvd
CITY: GLENDALE	PROJECT CONTACT: SCOTT GRASSE 1-562-547-3061
TEL: 818-246-2707	P.O. NO: 0950 1013 0
E-MAIL: sgrasse@CitadelEHS.com	SAMPLER(S) (PRINT): Tim Lambert

## REQUESTED ANALYSES

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")	
<input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input checked="" type="checkbox"/> 72 HR	<input type="checkbox"/> 5 DAYS <input type="checkbox"/> STANDARD
<input type="checkbox"/> COELT EDF	GLOBAL ID:
SPECIAL INSTRUCTIONS:	
LAB USE ONLY	NO. OF CONT.
21 B5-5	1003
22 B5-10	1006
23 B5-15	1008
24 B5-20	1012
25 B5-25	1016
26 B6-5	1125
27 B6-10	1132
28 B6-15	1135
29 B6-20	1139
30 B6-25	1148

Relinquished by (Signature)	Received by (Signature/Affiliation)
Relinquished by (Signature)	Received by (Signature/Affiliation)
Relinquished by (Signature)	Received by (Signature/Affiliation)

Please check box or fill in blank as needed	
TPH (g) <input type="checkbox"/> GRO	TPH (g) <input type="checkbox"/> DRO
TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH <input type="checkbox"/> MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>
VOCs (8260)	Oxygenates (8260)
Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)
Pesticides (8081)	PCBs (8082)
PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X
Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 2186	

Date: 2-23-2021	Time: 17:34
Date:	Time:
Date:	Time:







## CHAIN OF CUSTODY RECORD

02/23/21

**DATE:**

**PAGE:**

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**LABORATORY CLIENT.**

CITADEL EHS

ADDRESS. 1725 VICTORY BLVD

CITY: GLENDALE

STATE. CA ZIP 91201

TEL. 818-246-2707

**E-MAIL:**

[sgrasse@CitadelleHS.com](mailto:sgrasse@CitadelleHS.com)

**TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")**

☐ SAME DAY   ☐ 24 HR   ☐ 48 HR   ☒ 72 HR   ☐ 5 DAYS   ☐ STANDARD

<input type="checkbox"/> COELT EDF	GLOBAL ID-
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LOG CODE

**SPECIAL INSTRUCTIONS:**

## Report MDLs

Page 33 of 35

3/1/2021

06/02/14 Revision

[illegible]





Calscience

# CHAIN OF CUSTODY RECORD

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For courier service / sample drop off information, contact us26\_sales@eurofins.com or call us

LABORATORY CLIENT: CITADEL EHS

ADDRESS: 1725 VICTORY BLVD.

CITY: GLENDALE

STATE: CA

ZIP: 91201

TEL: 818-246-2707

E-MAIL: sgrasse@CitadelEHS.com

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAYS ☐ STANDARD

LOG CODE:

GLOBAL ID

☐ COELT EDF

SPECIAL INSTRUCTIONS:

Report MDLs

WO # / LAB USE ONLY		DATE: 02/23/21		PAGE: 5 OF 5	
CLIENT PROJECT NAME / NUMBER: 8728 Sepulveda Blvd		P O NO 0950 1013 0		SAMPLER(S) (PRINT) Tim Lambert	
PROJECT CONTACT: SCOTT GRASSE 1-562-547-3061					
REQUESTED ANALYSES					
Please check box or fill in blank as needed					
TPH (g) <input type="checkbox"/> GRO		TPH (d) <input type="checkbox"/> DRO		TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	
TPH <input type="checkbox"/> MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>		VOCs (8260)		Oxygenates (8260)	
Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core		SVOCs (8270)		Pesticides (8081)	
PCBs (8082)		PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM		T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	
Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218 6					
Field Filtered		Preserved		Unpreserved	
LAB USE ONLY		SAMPLE ID		NO. OF CONT.	
41 BG-15V		02-23-21 1512		Vapor 1-Tadlar	
42 BG-25V		02-23-21 1523		1	
Relinquished by: (Signature)		Tim Lambert		Received by: (Signature/Affiliation)	
Relinquished by: (Signature)				Received by: (Signature/Affiliation)	
Relinquished by: (Signature)				Received by: (Signature/Affiliation)	



## Login Sample Receipt Checklist

Client: Citadel Environmental Services Inc

Job Number: 570-51910-2

Login Number: 51910

List Number: 1

Creator: Cruise, Noel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	