May 2025

Soil Vapor Point Annual Sampling Report

October 2024 Sample Event

Prepared for:
Syracusa Sand and Gravel Inc.

Site:
Modock Rd. Springs/DLS Sand & Gravel Inc. Site
Town of Victor, Ontario County, NY
NYSDEC Site No. 8-35-013

MarksEngineering

4303 Routes 5 & 20
Canandaigua, NY 14424

MarksEngineering

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

LIST OF EXHIBITS

1.0 INTRODUCTION

Marks Engineering, P.C. (Marks Engineering) conducted an on-site and off-site annual soil vapor sampling event in September of 2024 at the Modock Rd. Springs/DLS Sand & Gravel, Inc. Site located in the Town of Victor, Ontario County, New York (herein referred to as the "Site"). A Site Plan and Soil Vapor Sample Location Map is presented as **Figure 1**.

The Site is a NYSDEC Class 4 Inactive Hazardous Waste Disposal Site (Site No. 8-35-013). The scope of work presented herein is consistent with the SMP, and the NYSDEC Record of Decision (ROD), for the Site.

The September 2024 annual soil vapor sample event, the findings of which are discussed in this Report, is part of the SMP's media monitoring program and ROD's overall long-term plume management monitoring (PMM) program to evaluate plume stability and the natural reduction of the Site-related chlorinated volatile organic compounds (CVOCs) over time. This sample event included collection of soil vapor samples from 13 permanent soil vapor points

This Report provides a summary of the soil vapor sample event and is organized as follows:

- **Site Description and History** (Section 2) – presents a summary of the history and description of the Site.
- **Scope of Work** (Section 3) – provides details on the scope of work and procedures that were used to sample the soil vapor points.
- **Results** (Section 4) – presents the field observations, findings and analytical results for laboratory samples collected during the sample event.
- **Evaluation of Results, Findings and Conclusions** (Section 5) – presents an evaluation of the results and data.

2.0 SITE DESCRIPTION AND HISTORY

A detailed description of the Site and History is provided in the SMP. A concise history of the Site is as follows:

The Site is comprised of a 173-acre parcel, currently operating as an active sand and gravel mine operated by Syracusa Sand and Gravel Inc. (SS&G). The Site was acquired by SS&G in 1953. Prior to SS&G's ownership, the property was used for agricultural purposes. The Site operated under the name of D.L.S. Sand and Gravel, Inc. until 1973 when the corporate name was changed to Syracusa Sand and Gravel Inc. From 1966 to 1971, a portion of the Site was leased to Rochester Block, Inc. (NYSDEC, 2010).

A series of investigations at the Site have been conducted starting in approximately 1995. The data from the investigations generally shows that CVOCs, including trichloroethene (TCE), 1,1,1-trichloroethane (TCA), and 1,1-dichloroethene (1,1-DCE), were likely released by parties unknown on the Site in the 1960s or 1970s and have contributed to both on-site and off-site CVOC contamination in groundwater (NYSDEC, 2010). The soil into which the CVOCs were first released; however, no longer exists on the Site. On the basis of the initial investigations, in 2001, the Department listed the Site as a Class 2 site in the Registry of Inactive Hazardous Waste Disposal Sites in New York. After subsequent site characterization, remedial investigation, feasibility study and remedial alternatives analysis, the ROD for the Site was issued in 2010 selecting monitored natural attenuation (MNA) as the remedy. The SMP for the Site was approved by the NYSDEC in March of 2019. In December of 2022, the Site was reclassified by the NYSDEC as a Class 4 Site that "no longer presents a significant threat to public health and/or the environment" (NYSDEC, 2022).

In addition to MNA, the ROD selected the following additional remedial actions for the Site: (a) an environmental easement to restrict the future use of groundwater at the Site; (b) implementation of the SMP with its requirements for long-term plume management monitoring, including groundwater, surface water and soil vapor, maintenance of the Sub Slab Depressurization Systems (SSDSs) in several residences, long-term monitoring of soil vapor intrusion in residences, and periodic review reporting to the NYSDEC; and (c) a contingency for the implementation of a zero valent iron amendment injection to reduce contaminant mass in the area of highest groundwater CVOC concentrations if the results of the PMM demonstrate that the CVOC groundwater concentrations are at concentrations not acceptable to NYSDEC and are not continuing to decline.

3.0 SCOPE OF WORK

This section provides details on the scope of work and procedures that were used during implementation of the September 2024 soil vapor sample event taking place as part of the long-term plume management monitoring. The primary components of the scope of work were as follows:

- Completion of an annual soil vapor sample event using 6-liter stainless steel SUMMA® vacuum canisters equipped with laboratory-calibrated fixed rate flow controllers installed at all 13 of the permanent soil vapor points (SV-01, SV-02, SV-03, SV-04, SV-05R, SV-06, SV-07, SV-08, SV-09R, SV-10, SV-11, SV-12 and SV-13).
- Collection of soil vapor samples (and one blind field duplicate) from 11 of the soil vapor points for laboratory analysis for Target Compound List (TCL) VOCs in accordance with USEPA Method TO-15, including CVOCs. Sampling equipment installed at SV-06 and SV-09R did not produce an adequate sample (due to no change in canister pressure during the sampling duration). These locations have periodically not produced adequate sample volumes for laboratory analysis during previous sample events.
- Completion of a 3rd party Data Usability Summary Report (DUSR) to review, qualify and validate the analytical laboratory data generated during this sample event.
- Submittal of electronic data deliverables (EDDs) of the sample event data to the NYSDEC for inclusion in the Site's existing EQuIS database.

3.1 Sampling of Soil Vapor Points

3.1.1 Purpose and Objectives

The September 2024 annual soil vapor sample event, the findings of which are discussed in this Report, is part of the SMP's media monitoring program associated with the long-term PMM program for the Site. The objective of the PMM program is to evaluate plume stability and the natural reduction of the Site's CVOC contamination over time.

3.1.2 Collection and Analysis of Laboratory Samples

Soil vapor sampling was conducted on September 27, 2024 at all 13 of the permanent soil vapor points (SV-01, SV-02, SV-03, SV-04, SV-05R, SV-06, SV-07, SV-08, SV-09R, SV-10, SV-11, SV-12 and SV-13), see **Table 1**. Samples were collected using the methodology described in Section 2.7.3 of the Field Sampling Plan (FSP) provided as Appendix D of the SMP.

Prior to the collection of the soil vapor samples, the sampling tubing was purged of ambient air using a photoionization detector (PID). The PID readings before and after sample collection were recorded on the Soil Vapor Sampling Log for each location (provided in **Appendix A**).

The soil vapor samples were collected using batch certified-clean 6-liter stainless steel SUMMA® vacuum canisters equipped with laboratory-calibrated fixed rate flow controllers. The flow controllers were set to collect soil vapor samples for a period of four hours, at a sample rate of approximately 0.020 liters per minute. This flow rate represents a slightly lower sample rate than specified in the FSP (0.025 liters per minute) but is the rate as recommended by the analytical laboratory. Each canister was equipped with a vacuum gauge that was periodically monitored during collection of the samples. Sample collection was terminated before the canister vacuum was exhausted, and the canister vacuum level at the beginning and end of sample collection was recorded on the Soil Vapor Sampling Log for each location (provided in **Appendix B**).

The soil vapor samples were submitted under appropriate chain of custody protocols to Alpha Analytical located in Mansfield, Massachusetts for laboratory analysis for TCL VOCs, including CVOCs, in accordance with USEPA Method TO-15 SIM. Each SUMMA® canister was labeled with the sample identification, the start and end time of sample collection, date, project identification, and required laboratory analysis. The same information was recorded on the Soil Vapor Sampling Logs (**Appendix B**) and chain of custody forms (**Appendix C**). The soil vapor sample analytical results are summarized on **Table 2. Table 2** also includes the analytical results from the previous soil vapor sampling events, initiated in February 2020, for comparison purposes.

3.1.3 Reporting of Results and Data Validation

The laboratory reports were provided in both results only and full Category B formats. Copies of the laboratory reports are provided in **Exhibit A** and **Exhibit B**, respectively. The data was reviewed by a 3rd party data validator (Environmental Data Usability in Dansville, New York) to review, qualify and validate the analytical laboratory data generated during this sample event and the data validator concluded that all results (100%) were found to be usable. A copy of the Data Usability Summary Report (DUSR) is presented as **Exhibit C**. At the request of the NYSDEC, the laboratory results were also provided in an electronic data deliverable (EDD) format. The EDD, which incorporated the validated laboratory results, was submitted to the NYSDEC on October 16, 2024 (see **Exhibit D**).

4.0 RESULTS

4.1. Soil Vapor Sampling Results

The soil vapor sample analytical results are summarized on **Table 2**, which segregates the three CVOCs identified as contaminants of concern in the ROD (TCE, TCA and 1,1-DCE) from the remainder of the analyzed TO-15 VOCs. As presented in **Table 2**, detectable concentrations of different combinations of these three CVOCs were found in soil vapor samples collected at 10 of the 11 soil vapor locations which yielded a sufficient size sample to allow for laboratory analysis during this sample event (SV-01, SV-02, SV-04, SV-05R, SV-07, SV-08, SV-10, SV-11, SV-12 and SV-13). SV-03, which is located outside of the plume to the northeast, was non-detect for all three CVOC contaminants of concern. As discussed above, sampling equipment installed at SV-06 and SV-09R did not produce an adequate sample (due to no change in canister pressure during the sampling duration). These two locations have periodically not produced adequate sample volumes for laboratory analysis during previous sample events. There are currently no applicable NYSDEC standards, criteria and/or guidance values (SCGVs) to which to compare the soil vapor analytical results. The soil vapor analytical results will be used to assist in determining trends in the concentration(s) of these CVOCs in support of the ROD.

5.0 EVALUATION OF RESULTS, FINDINGS AND CONCLUSIONS

The September 2024 annual soil vapor sample event, the evaluation of results, findings and conclusions of which are discussed below, is part of the ROD and SMP's long-term PMM program for the Site. The objective of the PMM is to evaluate plume stability and the natural reduction of the Site's CVOC contamination over time.

The soil vapor sample analytical results are summarized on **Table 2**, which segregates the three CVOCs identified as contaminants of concern in the ROD (TCE, TCA and 1,1-DCE) from the remainder of the parameters analyzed by the TO-15 VOCs methodology. As presented in **Table 2**, detectable concentrations of different combinations of these three CVOCs were found in soil vapor samples collected at 10 of the 11 soil vapor locations analyzed by the laboratory this sample event (SV-01, SV-02, SV-04, SV-05R, SV-07, SV-08, SV-10, SV-11, SV-12 and SV-13). SV-03, which is located outside of the plume to the northeast, was non-detect for all three CVOC contaminants of concern. Sampling equipment installed at SV-06 and SV-09R did not produce an adequate sample (due to no change in canister pressure during the sampling duration). These locations have periodically not produced adequate sample volumes for laboratory analysis during previous sample events.

Consistent with previous sample events, the highest total soil vapor concentrations of TCE, TCA and 1,1-DCE correlate to the locations where the highest detections of these CVOCs were found within the corresponding groundwater plume at the Site, see **Figure 3**. Like the CVOC detections in soil vapor, the highest concentrations of CVOCs in groundwater were generally found in the groundwater monitoring wells immediately downgradient of the mine and attenuated at distance from the mine. **Figure 2** summarizes the total CVOC concentrations in soil vapor from the September 2024 soil vapor sample event and **Figure 3** summarizes the total CVOC concentrations in groundwater from the October 2024 groundwater sample event.

The objective of the PMM program is to evaluate plume stability and the natural reduction of CVOCs over time. The detected concentrations of TCE, TCA and 1,1-DCE in soil vapor during the September 2024 sample event are overall much lower (TCE was detected at concentrations ranging from non-detect [ND] to 42.6 ug/m^3, TCA from ND to 1,060 ug/m^3 and 1,1-DCE from ND to 28.3 ug/m^3) than those previously detected within the plume as summarized in the ROD (TCE was previously detected at concentrations ranging from ND to 1,700 ug/m^3, TCA from ND to 5,900 ug/m^3 and 1,1-DCE from ND to 1,100 ug/m^3)(NYSDEC, 2010) which supports that MNA is occurring.

The full expanded set of 13 soil vapor points was sampled this sample event. Given that SS&G has collected five years of annual soil vapor data (starting with four quarterly frequency sample events in 2020) with no evident short-term (year to year) trends, SS&G requested that the soil vapor sampling frequency be reduced. On the basis of the NYSDEC comment letter dated April 24, 2025, the frequency of soil vapor, surface water and groundwater monitoring will be reduced to once every 15-months from its current annual frequency. Therefore, the next soil vapor sampling event, at a 15-month frequency, would be planned for December 2025. Consistent with recent historic sample events, soil vapor sampling will continue to be conducted at all 13 soil vapor points and will be scheduled at the same time as the groundwater and surface water sampling event.

The NYSDEC has also requested soil vapor intrusion (SVI) sampling at the four new homes located on Eagle Path this upcoming heating season (2025-2026). These homeowners will be contacted to request to sample later this year, along with the previous two residents at 7532 and 7540 Dryer Road that have historically not responded to our SVI correspondence letters.

6.0 REFERENCES

Bristol Consulting and Marks Engineering, P.C., *Site Management Plan*, Modock Road Springs/DLS Sand and Gravel, Inc. Inactive Hazardous Waste Site, Town of Victor, Ontario County, New York Site Number 8-35-013, March 2019

Marks Engineering, 2024, *Annual Groundwater and Surface Water Sampling Report, October 2024 Sample Event,* Modock Road Springs/DLS Sand and Gravel, Inc. Site Town of Victor, Ontario County, New York Site Number 8-35-013, December 2024

NYSDEC, 2010, *Record of Decision*, Modock Road Springs/DLS Sand and Gravel, Inc. Site Town of Victor, Ontario County, New York Site Number 8-35-013, January 2010

NYSDEC, 2022, *Public Notice, State Superfund Program*, *State Superfund Site Reclassification Notice Class 2 to Class 4* Modock Springs-DLS Sand and Gravel, Inc., Site No 83513, December 2022

NYSDOH, 2006, *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (as amended through May 2017), October 2006

MarksEngineering

Figures

N

DEER XING
RABBIT EAR PASS
RACCOON RUN
OAK RIDGE DR
WARTERS CV
STATE ROUTE 251
MODOCK RD
PILGRIM PASS
OAKWOOD DR
CORK RD
SV-01
SV-02
SV-03
NATURES WAY
ZEPHYR HTS
SV-05
SUMMERHILL LN
SV-05R
CARRINGTON WAY
RAWSON RD
PINE TREE DR
SV-04
SV-06
SV-07
SURREY LN
RED FOX RUN
TROTWOOD LN
HUNTERS RUN
SV-08
SV-13
DRYER RD
HEATHER LN
SV-09
SV-09R
SV-10
SV-11
SV-12
MALONE RD
DLS SAND AND GRAVEL

Aerial Imagery Source:
Google - https://www.google.com
Estimated: 2021

Legend

- Soil Vapor Location (Active) [13]
- Soil Vapor Location (Abandoned) [2]
- Approximate CVOC Plume (Aug 2019)
- Site Boundary

NOTES:

1. CVOC PLUME ADAPTED FROM MARKS ENGINEERING, GROUNDWATER AND SURFACE WATER SAMPLING REPORT, JANUARY 2020, FIGURE 4.

2. SOIL VAPOR LOCATIONS COLLECTED WITH A TRIMBLE GPS UNIT (GEO7X) ON JULY 15, 2019.

0 700 ft

DECEMBER 2024 SOIL VAPOR POINT SAMPLING REPORT
MODOCK RD. SPRINGS/DLS SAND & GRAVEL INC. SITE
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK
NYSDEC SITE NO. 8-35-013

FIGURE 1
SITE PLAN & SOIL VAPOR LOCATION MAP

MarksEngineering

N

DEER XING
RABBIT EAR PASS
RACCOON RUN
OAK RIDGE DR
STATE ROUTE 251
WARTERS CV
MODOCK RD
PILGRIM PASS
OAKWOOD DR
NATURES WAY
CORK RD
ZEPHYR HTS
SUMMERHILL LN
CARRINGTON WAY
RAWSON RD
PINE TREE DR
RED FOX RUN
SURREY LN
HUNTERS RUN
TROTWOOD LN
DRYER RD
HEATHER LN
MALONE RD
DLS SAND AND GRAVEL

SV-01:
TCE: 1.93
DCE: ND
TCA: 6.22

SV-02:
TCE: ND
DCE: ND
TCA: 2.28

SV-03:
TCE: ND
DCE: ND
TCA: ND

SV-04:
TCE: ND
DCE: ND
TCA: 11.6

SV-05R:
TCE: ND
DCE: ND
TCA: 0.142

SV-06

SV-07:
TCE: ND
DCE: ND
TCA: 8.62

SV-08:
TCE: ND
DCE: ND
TCA: 34

SV-09R

SV-10:
TCE: 2.02
DCE: 0.23
TCA: 168

SV-11:
TCE: 1.02
DCE: 0.337
TCA: 1060

SV-12:
TCE: 9.78
DCE: 28.3
TCA: 239

SV-13:
TCE: 42.6
DCE: 0.218
TCA: 61.1

Legend

- Soil Vapor Location (No Recovery) [2]
- Soil Vapor Location (Sampled) [11]
- Trichloroethene (TCE)
- 1,1-Dichloroethene (DCE)
- 1,1,1-Trichloroethane (TCA)
- Site Boundary
- Approximate CVOC Plume (Aug 2019)

ND = Not Detected

NOTES:
1. CVOC PLUME ADAPTED FROM MARKS ENGINEERING, GROUNDWATER AND SURFACE WATER SAMPLING REPORT, JANUARY 2020, FIGURE 4.
2. ANALYTICAL RESULT CONCENTRATIONS ARE IN UNITS OF ug/m3.

Aerial Imagery Source:
Google - https://www.google.com
Estimated: 2021

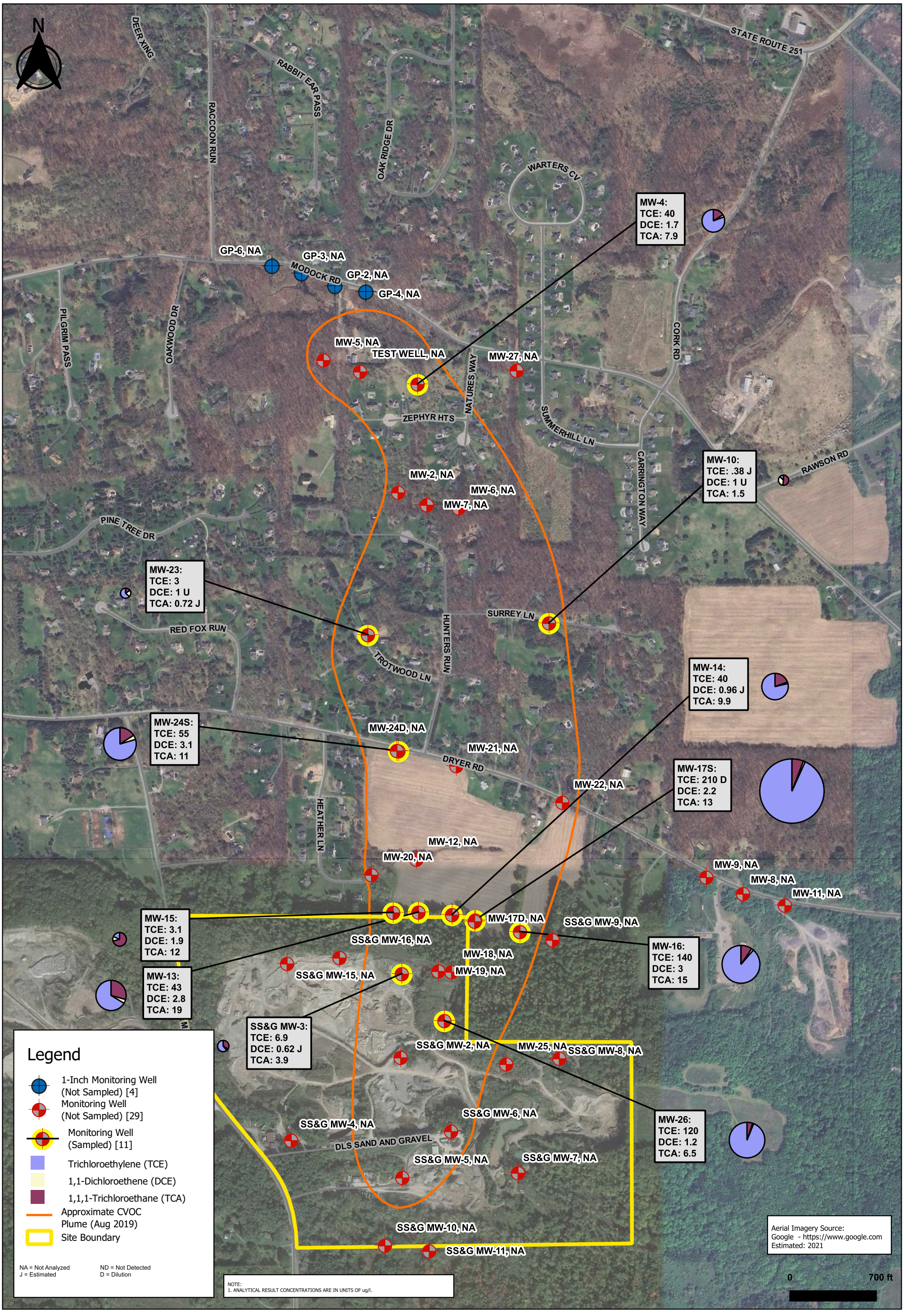
0 700 ft

DECEMBER 2024 SOIL VAPOR POINT SAMPLING REPORT
MODOCK RD. SPRINGS/DLS SAND & GRAVEL INC. SITE
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK
NYSDEC SITE NO. 8-35-013

FIGURE 2

SUMMARY OF TOTAL CVOC DETECTIONS
IN SOIL VAPOR
(SEPTEMBER 2024 SAMPLE EVENT)

MarksEngineering



DECEMBER 2024
SOIL VAPOR SAMPLING REPORT
MODOCK RD. SPRINGS/DLS SAND & GRAVEL INC. SITE
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK
NYSDEC SITE NO. 8-35-013

FIGURE 3

SUMMARY OF TOTAL CVOC DETECTIONS
IN GROUNDWATER
(OCTOBER 2024 SAMPLE EVENT)

MarksEngineering

MarksEngineering

Tables

Table 1
Summary of Soil Vapor Sampling Program
September 2024 Sample Event
Modock Road Springs/DLS Sand Gravel Inc., Site
NYSDEC Site No. 8-35-013
Victor, New York

Soil Vapor Probe ID	Soil Vapor Probe Located	Soil Vapor Probe Sampled	Soil Vapor Sample Analyzed by Laboratory for TO15 VOCs	Notes
SV-01	Y	Y	Y	
SV-02	Y	Y	Y	
SV-03	Y	Y	Y	
SV-04	Y	Y	Y	
SV-05R	Y	Y	Y	
SV-06	Y	Y	N	Sampling equipment installed at SV-06 and SV-09R did not produce an adequate sample (due to no change in canister pressure during the sampling duration). These locations have periodically not produced adequate samples during previous sample events.
SV-07	Y	Y	Y	
SV-08	Y	Y	Y	
SV-09R	Y	Y	N	Sampling equipment installed at SV-06 and SV-09R did not produce an adequate sample (due to no change in canister pressure during the sampling duration). These locations have periodically not produced adequate samples during previous sample events.
SV-10	Y	Y	Y	
SV-11	Y	Y	Y	
SV-12	Y	Y	Y	
SV-13	Y	Y	Y	

Table 2
SOIL VAPOR VOCs ANALYTICAL DATA
September 2024 Sample Event (green shading)
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	UNIT	SV-01 2/19/2020	SV-01 7/24/2020	SV-01 10/14/2020	SV-01 1/21/2021	SV-01 4/29/2021	SV-01 10/16/2022	SV-01 10/3/2023	SV-01 9/27/2024	SV-02 7/24/2020	SV-02 10/14/2020	SV-02 1/21/2021	SV-02 4/28/2021	SV-02 10/16/2022	SV-02 10/3/2023	SV-02 9/27/2024	SV-03 7/24/2020	SV-03 10/14/2020	SV-03 1/21/2021	SV-03 4/28/2021	SV-03 10/16/2022	SV-03 10/3/2023	SV-03 9/27/2024
Contaminants of Concern																								
79-01-6	Trichloroethene (TCE)	ug/m3	**11.5**	**3.37**	**4.6**	**17.4**	**11.4**	**4.91**	**1.3**	**1.93**	<0.107	<0.107	<0.107	**0.317**	<0.107	< 0.517	< 0.107	<0.107	<0.107	<0.107	**0.656**	<0.107	< 0.107	< 0.107
71-55-6	1,1,1-Trichloroethane (TCA)	ug/m3	**105**	**8.4**	**18**	**186**	**170**	**16.3**	**6.38**	**6.22**	**2.32**	**2.38**	**2.68**	**2.79**	**1.99**	**3.02**	**2.28**	<0.109	<0.109	<0.109	< 0.237	<0.109	< 0.109	< 0.109
75-35-4	1,1-Dichloroethene (DCE)	ug/m3	**14**	<0.079	<0.079	**39.3**	**4.84**	<0.079	< 0.079	< 0.079	<0.079	<0.079	<0.079	< 0.079	<0.079	< 0.381	< 0.079	<0.079	<0.079	<0.079	< 0.172	<0.079	< 0.079	< 0.079
	Total Concentrations	ug/m3	**130.5**	**11.77**	**22.6**	**242.7**	**186.24**	**21.21**	**7.68**	**8.15**	**2.32**	**2.38**	**2.68**	**3.107**	**1.99**	**3.02**	**2.28**	ND	ND	ND	**0.656**	ND	ND	ND
Other Compounds																								
75-34-3	1,1-Dichloroethane	ug/m3	**0.097**	<0.081	<0.081	**0.271**	**0.178**	<0.081	< 0.081	< 0.081	<0.081	<0.081	<0.081	< 0.081	<0.081	< 0.389	< 0.081	<0.081	<0.081	<0.081	< 0.176	<0.081	< 0.081	< 0.081
79-00-5	1,1,2-Trichloroethane	ug/m3	<0.109	<0.109	<0.109	<0.109	< 0.109	<0.109	< 0.109	< 0.109	<0.109	<0.109	<0.109	< 0.109	<0.109	< 0.525	< 0.109	<0.109	<0.109	<0.109	< 0.237	<0.109	< 0.109	< 0.109
79-34-5	1,1,2,2-Tetrachloroethane	ug/m3	<0.137	<0.137	<0.137	<0.137	< 0.137	**1.04**	< 0.137	< 0.137	<0.137	<0.137	<0.137	< 0.137	**0.224**	< 0.661	< 0.137	<0.137	<0.137	<0.137	< 0.299	**0.678**	< 0.137	< 0.137
120-82-1	1,2,4-Trichlorobenzene	ug/m3	<0.371	<0.371 UJ	<0.371	<0.371	< 0.371	<0.137	< 0.371	< 0.371	<0.371 UJ	<0.371	<0.371	< 0.371	<0.137	< 1.78	< 0.371	<0.371 UJ	<0.371	<0.371	< 0.809	<0.137	< 0.371	< 0.371
95-63-6	1,2,4-Trimethylbenzene	ug/m3	**0.113**	**0.226**	**1.02**	**0.118**	**5.65**	<0.371	< 0.098	< 0.098	**12.8**	**5.75**	**1.27**	**3.43**	<0.371	**1.47**	< 0.098	**0.929**	**0.138**	<0.098	**0.246**	<0.371	**0.113**	< 0.098
106-93-4	1,2-Dibromoethane	ug/m3	<0.154	<0.154	<0.154	<0.154	< 0.154	**0.128**	< 0.154	< 0.154	<0.154	<0.154	<0.154	< 0.154	**0.482**	< 0.739	< 0.154	<0.154	<0.154	<0.154	< 0.334	**0.108**	< 0.154	< 0.154
95-50-1	1,2-Dichlorobenzene	ug/m3	<0.120	<0.120	<0.12	<0.12	< 0.12	<0.154	< 0.12	< 0.12	<0.120	<0.12	<0.12	< 0.12	<0.154	< 0.578	< 0.12	<0.120	<0.12	<0.12	< 0.262	<0.154	< 0.12	< 0.12
107-06-2	1,2-Dichloroethane	ug/m3	<0.081	<0.081	<0.081	<0.081	< 0.081	<0.12	< 0.081	< 0.081	<0.081	<0.081	<0.081	< 0.081	<0.12	< 0.389	< 0.081	<0.081	<0.081	<0.081	< 0.176	<0.12	< 0.081	< 0.081
78-87-5	1,2-Dichloropropane	ug/m3	<0.092	<0.092	<0.092	<0.092	< 0.092	<0.081	< 0.092	< 0.092	<0.092	<0.092	<0.092	< 0.092	<0.081	< 0.445	< 0.092	<0.092	<0.092	<0.092	< 0.201	<0.081	< 0.092	< 0.092
108-67-8	1,3,5-Trimethybenzene	ug/m3	<0.098	**0.172**	**0.29**	<0.098	**2.41**	<0.092	< 0.098	< 0.098	**4.38**	**1.8**	**0.467**	**1.08**	<0.092	0.615	< 0.098	**0.369**	**0.103**	<0.098	< 0.214	<0.092	< 0.098	< 0.098
106-99-0	1,3-Butadiene	ug/m3	<0.044	<0.044	<0.044	<0.044	< 0.044	<0.098	< 0.044	< 0.044	<0.044	**0.069**	<0.044	**0.082**	**0.3**	< 0.213	< 0.044	<0.044	<0.044	<0.044	< 0.096	<0.098	< 0.044	< 0.044
541-73-1	1,3-Dichlorobenzene	ug/m3	<0.120	<0.120	<0.12	<0.12	< 0.12	<0.044	< 0.12	< 0.12	0.571	**0.228**	<0.12	**0.198**	<0.044	< 0.578	< 0.12	<0.120	<0.12	<0.12	< 0.262	<0.044	< 0.12	< 0.12
106-46-7	1,4-Dichlorobenzene	ug/m3	<0.120	<0.120	<0.12	<0.12	< 0.12	<0.12	< 0.12	< 0.12	<0.120	<0.12	<0.12	< 0.12	<0.12	< 0.578	< 0.12	<0.120	<0.12	<0.12	< 0.262	<0.12	< 0.12	< 0.12
123-91-1	1,4-Dioxane	ug/m3	<0.360	<0.360	<0.36	<0.36	< 0.36	<0.12	< 0.36	< 0.36	<0.360	<0.36	<0.36	< 0.36	<0.12	< 1.73	< 0.36	<0.360	<0.36	<0.36	< 0.782	<0.12	< 0.36	< 0.36
540-84-1	2,2,4-Trimethylpentane	ug/m3	<0.934	<0.934	<0.934	<0.934	< 0.934	<0.36	< 0.934	< 0.934	**0.99**	**1.04**	<0.934	< 0.934	<0.36	< 4.49	< 0.934	**3.57**	**0.981**	<0.934	< 2.03	<0.36	< 0.934	< 0.934
78-93-3	2-Butanone	ug/m3	**3.98**	**8.14**	**5.28**	**3.72**	**6.93**	<0.934	**9.23**	**7.43**	**33.6**	**49**	**8.88**	**71.1**	<0.934	**286**	**23.3**	**21.5**	**6.05**	**4.01**	**41**	<0.934	**61.1**	**11.5**
591-78-6	2-Hexanone	ug/m3	**0.836**	**2.41**	**0.91**	<0.82	**1.91**	**2.66**	**1.27**	**1.33**	**4.05**	**5.29**	**1.12**	**6.07**	**6.28**	**27**	**2.47**	**7.01**	**1.07**	<0.82	**9.55**	**10.3**	**10**	**2.07**
107-05-1	3-Chloropropene	ug/m3	<0.626	<0.626 UJ	<0.626	<0.626	< 0.626	<0.82	< 0.626	< 0.626	<0.626 UJ	<0.626	<0.626	< 0.626	<0.82	< 3.01	< 0.626	<0.626 UJ	<0.626	<0.626	< 1.36	**1.35**	< 0.626	< 0.626
622-96-8	4-Ethyltoluene	ug/m3	<0.098	<0.098	<0.098	<0.098	**2.19**	<0.626	< 0.098	< 0.098	**2.48**	**1.34**	**0.197**	**0.506**	<0.626	< 0.473	< 0.098	**0.3**	<0.098	<0.098	< 0.214	<0.626	< 0.098	< 0.098
108-10-1	4-Methyl-2-pentanone	ug/m3	<2.05	<2.05	<2.05	<2.05	< 2.05	<0.098	< 2.05	< 2.05	<2.05	<2.05	<2.05	< 2.05	**0.118**	< 9.84	< 2.05	<2.05	<2.05	<2.05	< 4.47	<0.098	< 2.05	< 2.05
67-64-1	Acetone	ug/m3	**21.5**	**16.5**	**13.8**	**14**	**13**	<2.05	**51.1**	**29 J**	**18.1**	**19.8**	**7.51**	**34.9**	<2.05	**137**	**10.9 J**	**72.2**	**20.8**	**22.3**	**172**	<2.05	**278**	**44.9 J**
71-43-2	Benzene	ug/m3	**0.735**	**0.738**	**0.946**	<0.319	< 0.319	**15.1**	**0.604**	**0.329**	**0.447**	**1.07**	<0.319	< 0.319	**6.6**	**2.67**	< 0.319	**2.49**	**0.422**	<0.319	**1.57**	**66.8**	**0.984**	< 0.319
100-44-7	Benzyl chloride	ug/m3	<1.04	<1.04	<1.04	<1.04	< 1.04	<0.319	< 0.518	< 0.518 UJ	<1.04	<1.04	<1.04	< 1.04	**0.617**	< 2.49	< 0.518 UJ	<1.04	<1.04	<1.04	< 2.25	**0.361**	< 0.518	< 0.518 UJ
75-27-4	Bromodichloromethane	ug/m3	<0.134	<0.134	<0.134	<0.134	< 0.134	<0.518	< 0.134	< 0.134	<0.134	<0.134	<0.134	< 0.134	<0.518	< 0.644	< 0.134	<0.134	<0.134	<0.134	< 0.291	<0.518	< 0.134	< 0.134
75-25-2	Bromoform	ug/m3	<0.207	<0.207	<0.207	<0.207	< 0.207	<0.134	< 0.207	< 0.207	<0.207	<0.207	<0.207	< 0.207	<0.134	< 0.995	< 0.207	<0.207	<0.207	<0.207	< 0.45	<0.134	< 0.207	< 0.207
74-83-9	Bromomethane	ug/m3	<0.078	<0.078	<0.078	<0.078	< 0.078	<0.207	< 0.078	< 0.078	<0.078	<0.078	<0.078	< 0.078	<0.207	< 0.374	< 0.078	<0.078	<0.078	<0.078	< 0.169	<0.207	< 0.078	< 0.078
75-15-0	Carbon disulfide	ug/m3	<0.623	<0.623	<0.623	<0.623	< 0.623	<0.078	< 0.623	< 0.623	250 D	**37.1**	**11.9**	**101**	<0.078	**46.1**	< 0.623	**2.45**	**0.76**	**0.747**	**2.8**	<0.078	**3.39**	**1.01**
56-23-5	Carbon tetrachloride	ug/m3	**0.201**	**0.289**	**0.264**	**0.377**	**0.403**	<0.623	**0.409**	**0.296**	**0.208**	**0.176**	<0.126	**0.201**	**13.4**	< 0.605	**0.151**	**<0.126**	<0.126	<0.126	< 0.274	**1.16**	0.145	**0.132**
108-90-7	Chlorobenzene	ug/m3	<0.461	<0.461	<0.461	<0.461	< 0.461	**0.258**	< 0.461	< 0.461	<0.461	<0.461	<0.461	< 0.461	**0.201**	< 2.22	< 0.461	<0.461	<0.461	<0.461	< 0.999	<0.126	< 0.461	< 0.461
75-00-3	Chloroethane	ug/m3	<0.264	<0.264	<0.264	<0.264	< 0.264	<0.461	< 0.264	< 0.264	<0.264	<0.264	<0.264	< 0.264	<0.461	< 1.27	< 0.264	<0.264	<0.264	<0.264	< 0.573	<0.461	< 0.264	< 0.264
67-66-3	Chloroform	ug/m3	**0.234**	**0.493**	<0.098	**0.259**	**0.327**	<0.264	**0.132**	**0.127**	<0.098	<0.098	<0.098	< 0.098	<0.264	< 0.47	**< 0.098**	**0.273**	**0.147**	<0.098	< 0.212	<0.264	**0.278**	**0.503**
74-87-3	Chloromethane	ug/m3	<0.413	<0.413	<0.413	<0.413	< 0.413	**2.19**	< 0.413	< 0.413	<0.413	<0.413	<0.413	< 0.413	<0.098	< 1.99	< 0.413	<0.413	<0.413	<0.413	< 0.898	**0.747**	< 0.413	< 0.413
156-59-2	cis-1,2-Dichloroethene	ug/m3	<0.079	<0.079	<0.079	<0.079	< 0.079	<0.413	< 0.079	< 0.079	<0.079	<0.079	<0.079	**0.087**	<0.413	< 0.381	< 0.079	<0.079	<0.079	**0.123**	< 0.172	<0.413	< 0.079	< 0.079
10061-01-5	cis-1,3-Dichloropropene	ug/m3	<0.091	<0.091	<0.091	<0.091	< 0.091	<0.079	< 0.091	< 0.091	<0.091	<0.091	<0.091	< 0.091	<0.079	< 0.437	< 0.091	<0.091	<0.091	<0.091	< 0.197	<0.079	< 0.091	< 0.091
110-82-7	Cyclohexane	ug/m3	<0.688	<0.688	<0.688	<0.688	< 0.688	<0.091	< 0.688	< 0.688	<0.688	<0.688	<0.688	< 0.688	<0.091	< 3.31	< 0.688	**0.719**	<0.688	<0.688	< 1.5	<0.091	< 0.688	< 0.688
124-48-1	Dibromochloromethane	ug/m3	<0.170	<0.170	<0.17	<0.17	< 0.17	<0.688	< 0.17	< 0.17	<0.170	<0.17	<0.17	< 0.17	<0.688	< 0.82	< 0.17	<0.170	<0.17	<0.17	< 0.371	<0.688	< 0.17	< 0.17
75-71-8	Dichlorodifluoromethane	ug/m3	**2.14**	**2.01**	**1.81**	**2.42**	**2.24**	<0.17	**1.92**	**1.75**	**1.79**	**1.73**	**2.14**	**2.05**	<0.17	**< 4.76**	**1.61**	**1.85**	**1.1**	**1.96**	**2.19**	<0.17	**1.54**	**1.37**
64-17-5	Ethanol	ug/m3	<9.42	<9.42	<9.42	<9.42	< 9.42	**2.37**	< 9.42	< 9.42	<9.42	<9.42	<9.42	< 9.42	**2.4**	**46.4**	< 9.42	<9.42	<9.42	<9.42	< 20.5	**2.28**	**14.7**	< 9.42
141-78-6	Ethyl Acetate	ug/m3	<1.80	<1.80	<1.8	<1.8	< 1.8	<9.42	< 1.8	< 1.8	<1.80	<1.8	<1.8	< 1.8	<9.42	< 8.65	< 1.8	<1.80	<1.8	<1.8	< 3.93	<9.42	< 1.8	< 1.8
100-41-4	Ethylbenzene	ug/m3	**0.799**	**0.356**	**1.23**	**0.091**	**0.421**	<1.8	< 0.087	< 0.087	**3.76**	**2.79**	**0.178**	**0.73**	<1.8	**1.06**	< 0.087	**2.69**	**0.235**	<0.087	< 0.189	<1.8	**0.096**	< 0.087
76-13-1	Freon-113	ug/m3	**0.628**	**0.452**	**0.406**	**2.21**	**0.529**	**0.113**	**0.429**	**0.514**	**0.583**	**0.383**	**0.468**	**0.452**	**0.282**	< 1.84	**0.537**	**0.606**	<0.383	<0.383	< 0.835	<0.087	**0.437**	**0.552**
76-14-2	Freon-114	ug/m3	<0.349	<0.349	<0.349	<0.349	< 0.349	**0.529**	< 0.349	< 0.349	<0.349	<0.349	<0.349	< 0.349	**0.529**	< 1.68	< 0.349	<0.349	<0.349	<0.349	< 0.762	**0.506**	< 0.349	< 0.349
142-82-5	Heptane	ug/m3	<0.820	<0.820	<0.82	<0.82	< 0.82	<0.349	< 0.82	< 0.82	1.33	**0.873**	<0.82	< 0.82	<0.349	< 3.94	< 0.82	4.18	**0.889**	<0.82	< 1.78	<0.349	< 0.82	< 0.82
87-68-3	Hexachlorobutadiene	ug/m3	<0.533	<0.533	<0.533	<0.533	< 0.533	<0.82	< 0.533	< 0.533	<0.533	<0.533	<0.533	< 0.533	<0.82	< 2.56	< 0.533	<0.533	<0.533	<0.533	< 1.16	<0.82	< 0.533	< 0.533
67-63-0	Isopropanol	ug/m3	<1.23	<1.23	<1.23	<1.23	< 1.23	<0.533	< 1.23	< 1.23	<1.23	<1.23	<1.23	**1.49**	<0.533	< 5.9	< 1.23	<1.23	<1.23	<1.23	**3.27**	<0.533	< 1.23	< 1.23
1634-04-4	Methyl tert butyl ether	ug/m3	<0.721	<0.721	<0.721	<0.721	< 0.721	**7.52**	< 0.721	< 0.721	<0.721	<0.721	<0.721	< 0.721	**11.4**	< 3.47	< 0.721	<0.721	<0.721	<0.721	< 1.57	**5.19**	< 0.721	< 0.721
75-09-2	Methylene chloride	ug/m3	**7.75**	<1.74	<1.74	<1.74	< 1.74	<0.721	**6.39**	< 1.74	<1.74	<1.74	<1.74	< 1.74	<0.721	< 8.34	< 1.74	<1.74	<1.74	<1.74	< 3.79	<0.721	**3.25**	**6.88**
110-54-3	n-Hexane	ug/m3	<0.705	<0.705	<0.705	<0.705	< 0.705	<1.74	< 0.705	< 0.705	**1**	<0.705	<0.705	< 0.705	<1.74	< 3.39	< 0.705	**2.19 J**	<0.705	<0.705	< 1.53	<1.74	**0.758**	< 0.705
95-47-6	o-Xylene	ug/m3	**2.06**	**1.49**	**0.304**	**0.113**	**1.71**	<0.705	**0.096**	**0.087**	**10.9**	**2.65**	**0.582**	**2.07**	<0.705	**2.8**	< 0.087	**4.65**	**0.712**	**0.243**	**0.265**	<0.705	**0.126**	< 0.087
179601-23-1	p/m-Xylene	ug/m3	**3.62**	**1.89**	**2.37**	**0.274**	**4.65**	**0.152**	**0.2**	**0.213**	**24.3**	**7.77**	**0.886**	**3.47**	**0.691**	**3.51**	< 0.174	**11.4**	**1.48**	**0.443**	**0.491**	**0.109**	**0.269**	**0.174**
100-42-5	Styrene	ug/m3	<0.085	<0.085	<0.085	<0.085	< 0.085	**0.378**	< 0.085	< 0.085	**0.937**	**0.345**	**0.085**	**0.43**	**0.995**	< 0.41	< 0.085	**0.111**	<0.085	<0.085	< 0.185	**0.313**	< 0.085	< 0.085
75-65-0	Tertiary butyl Alcohol	ug/m3	<1.52	<1.52	<1.52	<1.52	< 1.52	<0.085	< 1.52	< 1.52	**3.85**	**25.3**	**21**	**30.6**	**0.192**	**121**	**19.7**	<1.52	<1.52	<1.52	< 3.3	<0.085	**1.69**	< 1.52
127-18-4	Tetrachloroethene	ug/m3	**0.19**	**0.142**	<0.136	**0.631**	< 0.136	<1.52	< 0.136	< 0.136	**0.834**	**0.183**	**0.59**	**0.278**	**8.61**	**< 0.652**	< 0.136	**0.956**	**0.407**	**0.468**	**0.427**	<1.52	< 0.136	< 0.136
109-99-9	Tetrahydrofuran	ug/m3	<1.47	<1.47	<1.47	<1.47	< 1.47	<1.47	**< 1.47**	< 1.47	<1.47	<1.47	<1.47	< 1.47	<1.47	< 7.08	< 1.47	**2.16 J**	<1.47	<1.47	< 3.21	<1.47	< 1.47	< 1.47
108-88-3	Toluene	ug/m3	**0.422**	**0.999**	**0.501**	<0.188	**0.343**	**0.467**	< 0.377	**0.399**	**3.46**	**0.818**	**0.192**	**1.61**	**1.1**	**3.01**	< 0.377	**12.2**	**0.192**	<0.188	**0.426**	<0.377	< 0.377	< 0.377
156-60-5	trans-1,2-Dichloroethene	ug/m3	<0.079	<0.079	<0.079	<0.079	< 0.079	<0.079	< 0.079	< 0.079	<0.079	<0.079	<0.079	< 0.079	<0.079	< 0.381	< 0.079	<0.079	<0.079	<0.079	< 0.172	<0.079	< 0.079	< 0.079
10061-02-6	trans-1,3-Dichloropropene	ug/m3	<0.091	<0.091	<0.091	<0.091	< 0.091	<0.091	< 0.091	< 0.091	<0.091	<0.091	<0.091	< 0.091	<0.091	< 0.437	< 0.091	<0.091	<0.091	<0.091	< 0.197	<0.091	< 0.091	< 0.091
75-69-4	Trichlorofluoromethane	ug/m3	**1.28**	**0.95**	**0.854**	**2.63**	**1.46**	**1.17**	**1.31**	**0.983**	**1.07**	**0.798**	**1.14**	**1.31**	**1.18**	**1.6**	**1.05**	**1.06**	**0.596**	**0.787**	**1.27**	**1.08**	**1.3**	**1.02**
593-60-2	Vinyl bromide	ug/m3	<0.874	<0.874	<0.874	<0.874	< 0.874	<0.874	< 0.874	< 0.874	<0.874	<0.874	<0.874	< 0.874	<0.874	< 4.21	< 0.874	<0.874	<0.874	<0.874	< 1.9	<0.874	< 0.874	< 0.874
75-01-4	Vinyl chloride	ug/m3	<0.051	<0.051	<0.051	<0.051	< 0.051	<0.051	< 0.051	< 0.051	<0.051	<0.051	<0.051	< 0.051	<0.051	< 0.246	< 0.051	<0.051	<0.051	<0.051	< 0.111	<0.051	< 0.051	< 0.051

NOTES:
Bolded results detected above the Reporting Limit.
µg/m3: microgram per meter cubed
Samples were analyzed by Alpha Analytical in Westborough, Massachusetts.
"Contaminants of Concern": Table 1 January 2010 NYSDEC Record of Decision

DATA QUALIFIERS
no qualifier The compound was positively identified at the associated numerical
"J" The analyte was positively identified; the associated numerical value is the ap
"UJ" The analyte was analyzed for but not detected. The reportedquantitation lir

Table 2
SOIL VAPOR VOCs ANALYTICAL DATA
September 2024 Sample Event (green shading)
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	SV-04 2/19/2020	SV-04 7/24/2020	SV-04 10/14/2020	SV-04 1/21/2021	SV-04 4/28/2021	SV-04 10/16/2022	SV-04 10/3/2023	SV-04 9/27/2024	SV-05 2/19/2020	SV-05R 10/16/2022	SV-05R 10/3/2023	SV-05R 9/27/2024	SV-06 2/19/2020	SV-06 10/16/2022	SV-06 10/3/2023	SV-07 2/19/2020	SV-07 10/16/2022	SV-07 10/3/2023	SV-07 9/27/2024
Contaminants of Concern																				
79-01-6	Trichloroethene (TCE)	<0.107	<0.107	<0.107	<0.107	< 0.107	<0.107	< 0.371	< 0.107	<0.107	**0.15**	**0.175**	< 0.107	<0.177	<0.107	< 0.107	<0.107	<0.107	< 0.377	< 0.242
71-55-6	1,1,1-Trichloroethane (TCA)	**4.63**	**8.95**	**12.6**	**7.31**	**6.27**	**9**	**13.5**	**11.6**	**0.327**	**0.109**	**0.178**	**0.142**	**0.324**	**1.25**	**1.17**	**1.72**	**7.37**	**10.1**	**8.62**
75-35-4	1,1-Dichloroethene (DCE)	<0.079	<0.079	<0.079	<0.079	< 0.079	<0.079	< 0.274	< 0.079	<0.079	<0.079	< 0.108	< 0.079	<0.131	<0.079	< 0.079	<0.079	<0.079	< 0.278	< 0.178
	Total Concentrations	**4.63**	**8.95**	**12.6**	**7.31**	**6.27**	**9**	**13.5**	**11.6**	**0.327**	**0.259**	**0.353**	**0.142**	**0.324**	**1.25**	**1.17**	**1.72**	**7.37**	**10.1**	**8.62**
Other Compounds																				
75-34-3	1,1-Dichloroethane	<0.081	<0.081	<0.081	<0.081	< 0.081	<0.081	< 0.28	< 0.081	<0.081	<0.081	< 0.11	< 0.081	<0.134	<0.081	< 0.081	<0.081	<0.081	< 0.284	< 0.182
79-00-5	1,1,2-Trichloroethane	<0.109	<0.109	<0.109	<0.109	< 0.109	<0.109	< 0.377	< 0.109	<0.109	<0.109	< 0.148	< 0.109	<0.180	<0.109	< 0.109	<0.109	<0.109	< 0.382	< 0.246
79-34-5	1,1,2,2-Tetrachloroethane	<0.137	<0.137	<0.137	<0.137	< 0.137	**0.536**	< 0.475	< 0.137	<0.137	**0.671**	< 0.187	< 0.137	<0.227	**0.502**	< 0.137	<0.137	**0.61**	< 0.481	< 0.309
120-82-1	1,2,4-Trichlorobenzene	<0.371	<0.371 UJ	<0.371	<0.371	< 0.371	<0.137	< 1.28	< 0.371	<0.371	<0.137	< 0.505	< 0.371	<0.612	<0.137	< 0.371	<0.371	<0.137	< 1.3	< 0.831
95-63-6	1,2,4-Trimethylbenzene	**4.22**	**16.6**	**6.88**	**2.22**	**2.93**	<0.371	**< 0.34**	< 0.098	**2.98**	<0.371	**0.301**	**0.241**	**3.3**	<0.371	**0.098**	**2.77**	<0.371	< 0.345	**< 0.221**
106-93-4	1,2-Dibromoethane	<0.154	<0.154	<0.154	<0.154	< 0.154	**0.639**	< 0.531	< 0.154	<0.154	**1.09**	< 0.209	< 0.154	<0.254	**0.103**	< 0.154	<0.154	<0.098	< 0.539	< 0.346
95-50-1	1,2-Dichlorobenzene	<0.120	<0.120	<0.12	<0.12	< 0.12	<0.154	< 0.415	< 0.12	<0.120	<0.154	< 0.164	< 0.12	<0.198	<0.154	< 0.12	<0.120	<0.154	< 0.421	< 0.271
107-06-2	1,2-Dichloroethane	<0.081	<0.081	<0.081	<0.081	< 0.081	<0.12	< 0.28	< 0.081	<0.081	<0.12	< 0.11	< 0.081	<0.134	<0.12	< 0.081	<0.081	<0.12	< 0.284	< 0.182
78-87-5	1,2-Dichloropropane	<0.092	<0.092	<0.092	<0.092	< 0.092	<0.081	< 0.319	< 0.092	<0.092	<0.081	< 0.126	< 0.092	<0.153	<0.081	< 0.092	<0.092	<0.081	< 0.324	< 0.208
108-67-8	1,3,5-Trimethybenzene	**2.88**	**10.6**	**4.38**	**1.61**	**2.09**	<0.092	< 0.34	< 0.098	**1.1**	<0.092	0.147	0.123	**1.26**	<0.092	< 0.098	**1.62**	<0.092	< 0.345	< 0.221
106-99-0	1,3-Butadiene	<0.044	<0.044	<0.044	<0.044	**0.08**	**0.61**	< 0.153	< 0.044	<0.044	**0.206**	< 0.06	< 0.044	<0.073	**0.103**	< 0.044	<0.044	**0.654**	< 0.155	< 0.1
541-73-1	1,3-Dichlorobenzene	<0.120	0.427	**0.132**	<0.12	< 0.12	<0.044	< 0.415	< 0.12	**0.162**	<0.044	< 0.164	< 0.12	<0.198	<0.044	< 0.12	<0.120	<0.044	< 0.421	< 0.271
106-46-7	1,4-Dichlorobenzene	<0.120	<0.120	<0.12	<0.12	< 0.12	<0.12	< 0.415	< 0.12	<0.120	<0.12	< 0.164	< 0.12	<0.198	<0.12	< 0.12	<0.120	<0.12	< 0.421	< 0.271
123-91-1	1,4-Dioxane	<0.360	<0.360	<0.36	<0.36	< 0.36	<0.12	< 1.24	< 0.36	<0.360	<0.12	< 0.49	< 0.36	<0.595	<0.12	< 0.36	<0.360	<0.12	< 1.26	< 0.811
540-84-1	2,2,4-Trimethylpentane	<0.934	<0.934	<0.934	<0.934	< 0.934	<0.36	< 3.23	< 0.934	<0.934	<0.36	< 1.27	< 0.934	**2.2**	<0.36	< 0.934	<0.934	<0.36	< 3.27	< 2.1
78-93-3	2-Butanone	**11.3**	**129**	**62.5**	**10.7**	**115**	<0.934	**217**	**109**	**9.73**	<0.934	**133**	**78.5**	**14.7**	<0.934	**31.3**	**4.19**	<0.934	**207**	**227**
591-78-6	2-Hexanone	<0.820	**8.44**	**3.21**	<0.82	**5.9**	**34.8**	**15.3**	**12**	<0.820	**65.2**	**20.7**	**14.1**	**1.44**	**29.8**	**1.49**	<0.820	**23.2**	**21.9**	**27.8**
107-05-1	3-Chloropropene	<0.626	<0.626 UJ	<0.626	<0.626	< 0.626	**3.38**	< 2.16	< 0.626	<0.626	**5.74**	< 0.851	< 0.626	<1.03	**1.06**	< 0.626	<0.626	**2.41**	< 2.19	< 1.41
622-96-8	4-Ethyltoluene	**2.48**	**5.21**	**2.13**	**0.703**	**0.821**	<0.626	< 0.34	< 0.098	**0.693**	<0.626	< 0.134	< 0.098	**1.03**	<0.626	< 0.098	**1.25**	<0.626	< 0.345	< 0.221
108-10-1	4-Methyl-2-pentanone	<2.05	<2.05	<2.05	<2.05	< 2.05	**0.113**	< 7.09	< 2.05	<2.05	**0.172**	< 2.79	< 2.05	<3.38	<0.098	< 2.05	<2.05	**0.334**	< 7.17	< 4.59
67-64-1	Acetone	**2.92**	**26.8**	**11.4**	**4.23**	**28.7**	<2.05	**70.3**	**30.9 J**	**3.18**	<2.05	**43.9**	**28.7 J**	**16.1**	<2.05	**18.7**	**3.14**	<2.05	**103**	**127 J**
71-43-2	Benzene	<0.319	<0.319	<0.319	<0.319	< 0.319	**14**	< 1.1	< 0.319	<0.319	**23**	**0.498 J**	< 0.319	**0.722**	**17.8**	**< 0.319**	**0.511**	**34**	< 1.12	**1.82**
100-44-7	Benzyl chloride	<1.04	<1.04	<1.04	<1.04	< 1.04	<0.319	< 1.79	< 0.518 UJ	<1.04	**0.677**	< 0.704	< 0.518 UJ	<1.71	<0.319	< 0.518	<1.04	**0.831**	< 1.81	< 1.17 UJ
75-27-4	Bromodichloromethane	<0.134	<0.134	<0.134	<0.134	< 0.134	<0.518	< 0.463	< 0.134	<0.134	<0.518	< 0.182	< 0.134	<0.221	<0.518	< 0.134	<0.134	<0.518	< 0.47	< 0.301
75-25-2	Bromoform	<0.207	<0.207	<0.207	<0.207	< 0.207	<0.134	< 0.714	< 0.207	<0.207	<0.134	< 0.281	< 0.207	<0.341	<0.134	< 0.207	<0.207	<0.134	< 0.725	< 0.465
74-83-9	Bromomethane	<0.078	**0.4**	<0.078	<0.078	< 0.078	<0.207	< 0.268	< 0.078	<0.078	<0.207	< 0.106	< 0.078	<0.128	<0.207	< 0.078	<0.078	<0.207	< 0.272	< 0.175
75-15-0	Carbon disulfide	**21.4**	**215 D**	**1.73**	<0.623	**2.16**	<0.078	< 2.15	< 0.623	**16.9**	<0.078	**2.8**	**0.819**	**2.46**	<0.078	**0.978**	**15.9**	**0.109**	**3.61**	**3.18**
56-23-5	Carbon tetrachloride	<0.126	**0.132**	<0.126	<0.126	< 0.126	<0.623	< 0.435	< 0.126	**0.138**	**2.37**	**0.556**	**0.384**	<0.208	**0.76**	< 0.126	<0.126	**0.732**	< 0.441	< 0.283
108-90-7	Chlorobenzene	<0.461	<0.461	<0.461	<0.461	< 0.461	<0.126	< 1.59	< 0.461	<0.461	**0.333**	< 0.626	< 0.461	<0.760	<0.126	< 0.461	<0.461	**0.176**	< 1.61	< 1.04
75-00-3	Chloroethane	<0.264	<0.264	<0.264	<0.264	< 0.264	<0.461	< 0.91	< 0.264	<0.264	<0.461	< 0.359	< 0.264	<0.435	<0.461	< 0.264	<0.264	<0.461	< 0.924	< 0.594
67-66-3	Chloroform	<0.098	**0.234**	**0.127**	<0.098	< 0.098	<0.264	**0.455**	**< 0.098**	**0.098**	<0.264	**1.91**	**1.91**	<0.161	<0.264	**0.435**	<0.098	<0.264	< 0.342	**0.562**
74-87-3	Chloromethane	<0.413	<0.413	<0.413	<0.413	< 0.413	**0.513**	< 1.43	< 0.413	<0.413	**0.273**	< 0.562	< 0.413	<0.681	**0.342**	< 0.413	<0.413	**0.493**	< 1.45	< 0.929
156-59-2	cis-1,2-Dichloroethene	<0.079	<0.079	<0.079	<0.079	< 0.079	<0.413	< 0.274	< 0.079	<0.079	<0.413	< 0.108	< 0.079	<0.131	<0.413	< 0.079	<0.079	<0.413	< 0.278	< 0.178
10061-01-5	cis-1,3-Dichloropropene	<0.091	<0.091	<0.091	<0.091	< 0.091	<0.079	< 0.314	< 0.091	<0.091	<0.079	< 0.123	< 0.091	<0.150	<0.079	< 0.091	<0.091	<0.079	< 0.318	< 0.204
110-82-7	Cyclohexane	<0.688	<0.688	<0.688	<0.688	< 0.688	<0.091	< 2.38	< 0.688	<0.688	<0.091	< 0.936	< 0.688	<1.14	<0.091	< 0.688	<0.688	<0.091	< 2.41	< 1.55
124-48-1	Dibromochloromethane	<0.170	<0.170	<0.17	<0.17	< 0.17	<0.688	< 0.589	< 0.17	<0.170	<0.688	< 0.232	< 0.17	<0.281	<0.688	< 0.17	<0.170	<0.688	< 0.597	< 0.383
75-71-8	Dichlorodifluoromethane	**6.28**	**8.7**	**5.34**	**5.93**	**6.13**	<0.17	**9.84**	**7.57**	**2.05**	<0.17	**2.12**	**1.84**	**2.55**	<0.17	**3.28**	**2.55**	<0.17	< 3.47	**2.63**
64-17-5	Ethanol	<9.42	<9.42	<9.42	<9.42	< 9.42	**7.96**	< 32.6	< 9.42	<9.42	**2.29**	**28.6**	**13.8**	<15.5	**4.79**	< 9.42	<9.42	**3.49**	< 33	**23**
141-78-6	Ethyl Acetate	<1.80	<1.80	<1.80	<1.8	< 1.8	<9.42	< 6.23	< 1.8	<1.80	**11.6**	< 2.45	< 1.8	<2.97	<9.42	< 1.8	<1.80	**11.2**	< 6.31	< 4.04
100-41-4	Ethylbenzene	**8.64**	**7.38**	**0.908**	**0.152**	**0.187**	<1.8	< 0.3	< 0.087	**2.12**	<1.8	**0.543**	0.135	**7.51**	<1.8	< 0.087	**7.43**	<1.8	**0.96**	0.595
76-13-1	Freon-113	**0.437**	**0.659**	**0.529**	**0.529**	**0.475**	<0.087	< 1.33	**0.713**	**0.437**	**0.33**	< 0.521	**0.537**	<0.632	<0.087	**0.613**	**0.651**	**1.58**	< 1.34	**1.45**
76-14-2	Freon-114	<0.349	<0.349	<0.349	<0.349	< 0.349	**0.736**	< 1.21	< 0.349	<0.349	**0.529**	< 0.475	< 0.349	<0.577	**0.621**	< 0.349	<0.349	**1.82**	< 1.22	< 0.783
142-82-5	Heptane	<0.820	<0.820	<0.82	<0.82	< 0.82	<0.349	< 2.83	< 0.82	<0.820	<0.349	**1.44**	0.861	<1.35	<0.349	< 0.82	<0.820	<0.349	< 2.87	< 1.84
87-68-3	Hexachlorobutadiene	<0.533	<0.533	<0.533	<0.533	< 0.533	<0.82	< 1.85	< 0.533	<0.533	<0.82	< 0.725	< 0.533	<0.880	<0.82	< 0.533	<0.533	<0.82	< 1.87	< 1.19
67-63-0	Isopropanol	<1.23	<1.23	<1.23	**2.46**	**2.46**	<0.533	< 4.25	< 1.23	<1.23	<0.533	< 1.67	< 1.23	<2.03	<0.533	< 1.23	<1.23	<0.533	< 4.3	< 2.75
1634-04-4	Methyl tert butyl ether	<0.721	<0.721	<0.721	<0.721	< 0.721	**3.44**	< 2.49	< 0.721	<0.721	**72.8**	< 0.981	< 0.721	<1.19	**7.42**	< 0.721	<0.721	**11.1**	< 2.53	< 1.62
75-09-2	Methylene chloride	<1.74	<1.74	<1.74	<1.74	< 1.74	<0.721	< 6.01	< 1.74	<1.74	<0.721	< 2.36	< 1.74	<2.87	<0.721	< 1.74	<1.74	<0.721	< 6.08	**24.5**
110-54-3	n-Hexane	<0.705	<0.705	<0.705	<0.705	< 0.705	**3.89**	< 2.44	< 0.705	<0.705	**9.69**	**1.79**	1.43	**1.84**	<1.74	< 0.705	<0.705	<1.74	< 2.47	< 1.59
95-47-6	o-Xylene	**20.1**	**26.8**	**5**	**0.921**	**1.1**	<0.705	< 0.3	< 0.087	**5.78**	**0.983**	0.565	**0.191**	**14.8**	<0.705	< 0.087	**14.3**	<0.705	**1.23**	**0.704**
179601-23-1	p/m-Xylene	**46.5**	**48.6**	**8.34**	**1.37**	**1.49**	<0.087	< 0.599	< 0.174	**11.6**	**0.634**	**1.8**	**0.647**	**32.7**	<0.087	< 0.174	**32.1**	**2.39**	**2.21**	**1.34**
100-42-5	Styrene	<0.085	**0.298**	<0.085	<0.085	**0.119**	**0.174**	< 0.294	< 0.085	**0.145**	**1.46**	**0.168**	< 0.085	<0.141	**0.174**	< 0.085	**0.123**	**3.55**	**0.703**	0.393
75-65-0	Tertiary butyl Alcohol	<1.52	**4.12**	**2.54**	<1.52	**5.43**	<0.085	**15.9**	**9.64**	**1.79**	**0.37**	**12.6**	**9.73**	**4.55**	<0.085	**24.1**	**5.4**	<0.085	**105**	**144**
127-18-4	Tetrachloroethene	**0.827**	**0.224**	**0.217**	**0.149**	< 0.136	**2.46**	< 0.469	**0.142**	**0.936**	<1.52	**0.443**	**0.454**	**2.18**	**22.5**	**0.163**	**1.68**	**18.6**	< 0.475	< 0.305
109-99-9	Tetrahydrofuran	<1.47	<1.47	<1.47	<1.47	< 1.47	<1.47	< 5.1	< 1.47	<1.47	<1.47	< 2.01	< 1.47	<2.43	<1.47	< 1.47	<1.47	**1.87**	< 5.16	< 3.3
108-88-3	Toluene	**0.426**	**1.36**	<0.188	**0.328**	**0.381**	<0.377	< 1.3	< 0.377	**1.3**	**1.35**	**1.91**	**0.433**	**1.51**	<0.377	< 0.377	**4.3**	**4.67**	**2.84**	**2.93**
156-60-5	trans-1,2-Dichloroethene	<0.079	<0.079	<0.079	<0.079	< 0.079	<0.079	< 0.274	< 0.079	<0.079	**0.151**	< 0.108	< 0.079	<0.131	<0.079	< 0.079	<0.079	<0.079	< 0.278	< 0.178
10061-02-6	trans-1,3-Dichloropropene	<0.091	<0.091	<0.091	<0.091	< 0.091	<0.091	< 0.314	< 0.091	<0.091	<0.091	< 0.123	< 0.091	<0.150	<0.091	< 0.091	<0.091	<0.091	< 0.318	< 0.204
75-69-4	Trichlorofluoromethane	**0.927**	**1.42**	**1**	**1.26**	**1.19**	**1.35**	**1.69**	**1.23**	**0.865**	**1.16**	**1.43**	**1.02**	**0.629**	**1.24**	**1.61**	**1.07**	**2.16**	**2.2**	**1.87**
593-60-2	Vinyl bromide	<0.874	<0.874	<0.874	<0.874	< 0.874	<0.874	< 3.02	< 0.874	<0.874	<0.874	< 1.19	< 0.874	<1.44	<0.874	< 0.874	<0.874	<0.874	< 3.06	< 1.97
75-01-4	Vinyl chloride	<0.051	<0.051	<0.051	<0.051	< 0.051	<0.051	< 0.177	< 0.051	<0.051	<0.051	< 0.07	< 0.051	<0.084	<0.051	< 0.051	<0.051	<0.051	< 0.179	< 0.115

NOTES:
Bolded results detected above the Reporting Limit. value which is the concentration of the compound in the sample.
µg/m3: microgram per meter cubed proximate concentration of the analyte in the sample.
Samples were analyzed by Alpha Analytical in Westnit is approximate and may be inaccurate or imprecise.
"Contaminants of Concern": Table 1 January 2010 N

Table 2
SOIL VAPOR VOCs ANALYTICAL DATA
September 2024 Sample Event (green shading)
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	SV-08 2/19/2020	SV-08 7/24/2020	SV-08 10/14/2020	SV-08 1/21/2021	SV-08 4/28/2021	SV-08 10/16/2022	SV-08 9/27/2024	SV-10 2/19/2020	SV-10 DUP021920 2/19/2020	SV-10 10/16/2022	SV-10 DUP 101622 A 10/16/2022	SV-10 10/3/2023	SV-10 9/27/2024	SV-10 DUP0927A 9/27/2024
Contaminants of Concern															
79-01-6	Trichloroethene (TCE)	<0.817	<0.107	<0.107	<0.107	**0.403**	<0.107	< 0.113	**0.597**	**0.881**	**0.371**	**0.274**	**0.527**	**2.02**	**1.99**
71-55-6	1,1,1-Trichloroethane (TCA)	**16.2**	**24.4**	**33.2**	**33.2**	**38.8**	**15.9**	**34**	**79.7**	**133**	**66.6**	**46.4**	**124**	**164**	**168**
75-35-4	1,1-Dichloroethene (DCE)	<0.603	<0.079	<0.079	<0.079	< 0.238	<0.079	< 0.083	**0.666**	**0.896**	<0.079	<0.079	< 0.079	**0.23**	**0.23**
	Total Concentrations	**16.2**	**24.4**	**33.2**	**33.20**	**39.203**	**15.9**	**34**	**80.963**	**134.777**	**66.971**	**46.674**	**124.527**	**166.25**	**170.22**
Other Compounds															
75-34-3	1,1-Dichloroethane	<0.615	<0.081	<0.081	<0.081	< 0.243	<0.081	< 0.085	<0.081	<0.081	<0.081	<0.081	< 0.081	< 0.081	< 0.081
79-00-5	1,1,2-Trichloroethane	<0.829	<0.109	<0.109	<0.109	< 0.327	<0.109	< 0.115	<0.109	<0.109	<0.109	<0.109	< 0.109	< 0.109	< 0.109
79-34-5	1,1,2,2-Tetrachloroethane	<1.04	<0.137	<0.137	<0.137	< 0.412	**0.692**	**0.151**	<0.137	<0.137	**9.83 J**	**3.03 J**	< 0.137	< 0.137	**0.165**
120-82-1	1,2,4-Trichlorobenzene	<2.83 UJ	<0.371 UJ	<0.371	<0.371	< 1.11	<0.137	< 0.39	<0.371 UJ	<0.371	<0.137	<0.137	< 0.371	< 0.371	< 0.371
95-63-6	1,2,4-Trimethylbenzene	<0.747	**8.41**	**4.71**	**2.65**	**0.31**	<0.371	**0.155**	**1.44**	**1.85**	<0.371	<0.371	**0.216**	**2.84**	**3.28**
106-93-4	1,2-Dibromoethane	<1.17	<0.154	<0.154	<0.154	< 0.461	**1.37**	< 0.161	<0.154	<0.154	**9.14 J**	**18.2 J**	< 0.154	< 0.154	< 0.154
95-50-1	1,2-Dichlorobenzene	<0.914	<0.120	<0.12	<0.12	< 0.361	<0.154	< 0.126	<0.120	<0.120	<0.154	<0.154	< 0.12	< 0.12	< 0.12
107-06-2	1,2-Dichloroethane	<0.615	<0.081	<0.081	<0.081	< 0.243	<0.12	< 0.085	<0.081	<0.081	<0.12	<0.12	< 0.081	< 0.081	< 0.081
78-87-5	1,2-Dichloropropane	<0.702	<0.092	<0.092	<0.092	< 0.277	<0.081	< 0.097	<0.092	<0.092	<0.081	<0.081	< 0.092	< 0.092	< 0.092
108-67-8	1,3,5-Trimethybenzene	<0.747	**7.67**	**3.89**	**2.67**	< 0.295	<0.092	0.222	**0.359**	**0.428**	<0.092	<0.092	< 0.098	0.708	0.836
106-99-0	1,3-Butadiene	<0.336	<0.044	**0.071**	<0.044	**0.139**	**1.66**	< 0.047	<0.044	<0.044	**3.07 J**	**1.22 J**	< 0.044	< 0.044	< 0.044
541-73-1	1,3-Dichlorobenzene	<0.914	0.204	<0.12	<0.12	< 0.361	**0.199**	< 0.126	<0.120	<0.120	<0.044	<0.044	< 0.12	< 0.12	< 0.12
106-46-7	1,4-Dichlorobenzene	<0.914	<0.120	<0.12	<0.12	< 0.361	<0.12	< 0.126	<0.120	<0.120	<0.12	<0.12	< 0.12	< 0.12	< 0.12
123-91-1	1,4-Dioxane	<2.75	<0.360	<0.36	<0.36	< 1.08	<0.12	< 0.378	<0.360	<0.360	<0.12	<0.12	< 0.36	< 0.36	< 0.36
540-84-1	2,2,4-Trimethylpentane	**23.4**	**8.87**	**3.65**	<0.934	**3.36**	<0.36	< 0.981	**1.8**	**1.46**	<0.36	<0.36	< 0.934	< 0.934	< 0.934
78-93-3	2-Butanone	**99.1**	**126**	**59.6**	**9.76**	**108**	<0.934	**76.4**	**27.1**	**36.3**	<0.934	<0.934	**104**	**56**	**56.9**
591-78-6	2-Hexanone	<6.23	**12.5**	<0.82	<0.82	< 2.46	**41.9**	**4.22**	**1.27**	**1.92**	**33.9**	**23.9**	**7.46**	**4.09**	**4.55**
107-05-1	3-Chloropropene	<4.76	<0.626 UJ	<0.626	<0.626	< 1.88	**1.53**	< 0.657	<0.626	<0.626	**1.3**	**1.48**	< 0.626	< 0.626	< 0.626
622-96-8	4-Ethyltoluene	<0.747	**3.67**	**2.11**	**0.929**	< 0.295	<0.626	< 0.103	0.418	0.526	<0.626	<0.626	< 0.098	**0.477**	**0.6**
108-10-1	4-Methyl-2-pentanone	<15.6	<2.05	<2.05	<2.05	< 6.15	**0.452**	< 2.15	<2.05	<2.05	**2.73**	**3.21**	< 2.05	< 2.05	< 2.05
67-64-1	Acetone	**55.8**	**34.7**	**18.1**	**8.39**	**54.2**	<2.05	**43.7 J**	**11.9**	**15.1**	<2.05	<2.05	**29.5**	**13.5 J**	**15.7 J**
71-43-2	Benzene	<2.43	**0.323**	<0.319	<0.319	< 0.958	**39.7**	< 0.335	**2.14**	**2.64**	**14.7**	**10.6**	**1.84**	**0.93**	**1.02**
100-44-7	Benzyl chloride	<7.87	<1.04	<1.04	<1.04	< 3.11	**7.86**	< 0.544 UJ	<1.04	<1.04	**1.07 J**	**3.61 J**	< 0.518	< 0.518 UJ	< 0.518 UJ
75-27-4	Bromodichloromethane	<1.02	<0.134	<0.134	<0.134	< 0.402	<0.518	< 0.141	<0.134	<0.134	<0.518	<0.518	< 0.134	< 0.134	< 0.134
75-25-2	Bromoform	<1.57	<0.207	<0.207	<0.207	< 0.62	<0.134	< 0.217	<0.207	<0.207	<0.134	<0.134	< 0.207	< 0.207	< 0.207
74-83-9	Bromomethane	<0.590	<0.078	<0.078	<0.078	< 0.233	<0.207	< 0.082	<0.078	<0.078	<0.207	<0.207	< 0.078	< 0.078	< 0.078
75-15-0	Carbon disulfide	**<4.73**	**7.38**	**0.726**	<0.623	< 1.87	**0.109**	< 0.654	0.707	**1.02**	<0.078	<0.078	**1.18**	**1.11**	**1.69**
56-23-5	Carbon tetrachloride	<0.956	<0.126	<0.126	<0.126	< 0.377	**0.688**	< 0.132	<0.126	<0.126	**1.05**	<0.623	**0.138**	**0.126**	< 0.126
108-90-7	Chlorobenzene	<3.51	<0.461	<0.461	<0.461	< 1.38	<0.126	< 0.484	<0.461	<0.461	<0.126	**0.195**	< 0.461	< 0.461	< 0.461
75-00-3	Chloroethane	<2.01	<0.264	<0.264	<0.264	< 0.792	<0.461	< 0.277	<0.264	<0.264	<0.461	<0.461	< 0.264	< 0.264	< 0.264
67-66-3	Chloroform	**1.52**	**1.44**	**0.693**	**0.107**	**1.58**	<0.264	**4.38**	<0.098	<0.098	<0.264	<0.264	< 0.098	< 0.098	< 0.098
74-87-3	Chloromethane	<3.14	<0.413	<0.413	<0.413	< 1.24	**1.07**	< 0.434	<0.413	<0.413	<0.098	<0.098	< 0.413	< 0.413	< 0.413
156-59-2	cis-1,2-Dichloroethene	<0.603	<0.079	<0.079	<0.079	< 0.238	<0.413	< 0.083	<0.079	<0.079	<0.413	<0.413	< 0.079	< 0.079	< 0.079
10061-01-5	cis-1,3-Dichloropropene	<0.690	<0.091	<0.091	<0.091	< 0.272	<0.079	< 0.095	<0.091	<0.091	<0.079	<0.079	< 0.091	< 0.091	< 0.091
110-82-7	Cyclohexane	<5.23	**0.902**	<0.688	<0.688	< 2.07	<0.091	< 0.723	<0.688	<0.688	<0.091	<0.091	< 0.688	< 0.688	< 0.688
124-48-1	Dibromochloromethane	<1.29	<0.170	<0.17	<0.17	< 0.511	<0.688	< 0.179	<0.170	<0.170	<0.688	<0.688	< 0.17	< 0.17	< 0.17
75-71-8	Dichlorodifluoromethane	<7.52	**1.68**	**1.28**	**2.24**	< 2.97	<0.17	**1.65**	**1.57**	**2.23**	<0.17	<0.17	1.61	**1.61**	**1.76**
64-17-5	Ethanol	<71.8	**9.53**	<9.42	<9.42	< 28.3	**2.08**	**12.5**	<9.42	<9.42	**2.14**	**2.19**	< 9.42	< 9.42	< 9.42
141-78-6	Ethyl Acetate	<13.7	<1.80	<1.8	<1.8	< 5.41	<9.42	< 1.89	<1.80	<1.80	<9.42	**10.1**	< 1.8	< 1.8	< 1.8
100-41-4	Ethylbenzene	<0.660	**14.8**	**2.75**	**0.63**	< 0.261	<1.8	< 0.091	**4.34**	5.69	<1.8	<1.8	< 0.087	0.56	0.851
76-13-1	Freon-113	<2.92	**0.697**	**0.606**	**0.866**	< 1.15	**0.934**	**0.943**	**1.05**	**1.31**	**0.456 J**	**0.873 J**	**0.927**	**1.7**	**1.72**
76-14-2	Freon-114	<2.66	<0.349	<0.349	<0.349	< 1.05	**0.789**	< 0.367	<0.349	<0.349	**1.13**	**0.874**	< 0.349	< 0.349	< 0.349
142-82-5	Heptane	**21.6**	**16.2**	**5.94**	**1.48**	**3.79**	<0.349	< 0.861	**2.43**	**3.47**	<0.349	<0.349	< 0.82	< 0.82	< 0.82
87-68-3	Hexachlorobutadiene	<4.06	<0.533	<0.533	<0.533	< 1.6	<0.82	< 0.56	<0.533	<0.533	<0.82	<0.82	< 0.533	< 0.533	< 0.533
67-63-0	Isopropanol	<9.37	<1.23	<1.23	<1.23	< 3.69	<0.533	< 1.29	<1.23	<1.23	<0.533	<0.533	< 1.23	< 1.23	< 1.23
1634-04-4	Methyl tert butyl ether	<5.48	<0.721	<0.721	<0.721	< 2.16	**7.2**	< 0.757	<0.721	<0.721	**1.62**	**2.97**	< 0.721	< 0.721	< 0.721
75-09-2	Methylene chloride	**13.5**	<1.74	<1.74	<1.74	< 5.21	<0.721	< 1.82	<1.74	<1.74	<0.721	<0.721	< 1.74	< 1.74	< 1.74
110-54-3	n-Hexane	**17.5**	**3.27**	<0.705	<0.705	< 2.11	**16.7**	< 0.74	**2.49**	**2.4**	<1.74	**5.7**	< 0.705	< 0.705	< 0.705
95-47-6	o-Xylene	<0.660	**37.4**	**9.77**	**3.35**	**0.404**	<0.705	< 0.091	**5.04**	**6.78**	<0.705	<0.705	**0.122**	**0.795**	**1.2**
179601-23	p/m-Xylene	<1.32	**89.5**	**23.9**	**7.6**	**0.808**	**1.07**	**0.182**	**15.6**	**20.7**	**0.912**	**1.01**	**0.239**	**2.79**	**4.01**
100-42-5	Styrene	<0.647	**0.089**	<0.085	<0.085	< 0.255	**5.56**	< 0.089	<0.085	<0.085	**2.22 J**	**4.65 J**	< 0.085	0.153 J	0.307 J
75-65-0	Tertiary butyl Alcohol	<11.5	**27.3**	**36.1**	**12.9**	**80.9**	**4.34**	**113**	<1.52	<1.52	**0.094**	**2.52**	**11.7**	**5.55**	**6.37**
127-18-4	Tetrachloroethene	**9.36**	**0.542**	**0.237**	**0.231**	< 0.407	**55.8**	**0.271**	**4.56**	**2.71**	**6.79**	**5.34**	< 0.136	**2.3 J**	0.339 J
109-99-9	Tetrahydrofuran	<11.2	<1.47	<1.47	<1.47	< 4.42	<1.47	< 1.55	<1.47	<1.47	<1.47	<1.47	< 1.47	< 1.47	< 1.47
108-88-3	Toluene	**1.89**	**2.68**	**0.275**	<0.188	< 0.565	**4.18**	< 0.396	**3.36**	**3.62**	**1.7 J**	**3.48 J**	< 0.377	**2.36**	**3.47**
156-60-5	trans-1,2-Dichloroethene	**0.817**	<0.079	<0.079	<0.079	< 0.238	<0.079	< 0.083	**0.087**	<0.079	<0.079	<0.079	< 0.079	< 0.079	< 0.079
10061-02-6	trans-1,3-Dichloropropene	<0.690	<0.091	<0.091	<0.091	< 0.272	<0.091	< 0.095	<0.091	<0.091	<0.091	<0.091	< 0.091	< 0.091	< 0.091
75-69-4	Trichlorofluoromethane	<2.14	**1.27**	**1.12**	**1.74**	**2.19**	**1.66**	**1.58**	**0.955**	**1.3**	**1.43**	**1.3**	**1.63**	**1.52**	**1.55**
593-60-2	Vinyl bromide	<6.65	<0.874	<0.874	<0.874	< 2.62	<0.874	< 0.918	<0.874	<0.874	<0.874	<0.874	< 0.874	< 0.874	< 0.874
75-01-4	Vinyl chloride	<0.389	<0.051	<0.051	<0.051	< 0.153	<0.051	< 0.054	<0.051	<0.051	<0.051	<0.051	< 0.051	< 0.051	< 0.051

NOTES:

Bolded results detected above the Reporting Limit.

µg/m3: microgram per meter cubed

Samples were analyzed by Alpha Analytical in West

"Contaminants of Concern": Table 1 January 2010 N

DATA QUALIFIERS

no qualifier The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.

"J" The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

"UJ" The analyte was analyzed for but not detected. The reportedquantitation limit is approximate and may be inaccurate or imprecise.

Table 2
SOIL VAPOR VOCs ANALYTICAL DATA
September 2024 Sample Event (green shading)
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	SV-11 2/19/2020	SV-11 7/24/2020	SV-11 10/14/2020	SV-11 DUP101320 10/14/2020	SV-11 1/21/2021	SV-11 DUP012121 1/21/2021	SV-11 4/28/2021	SV-11 DUP 042821 4/28/2021	SV-11 10/16/2022	SV-11 DUP 101622 B 10/16/2022	SV-11 10/3/2023	SV-11 DUP100323B 10/3/2023	SV-11 9/27/2024	SV-12 2/19/2020	SV-12 10/16/2022	SV-12 DUP100323A 10/3/2023	SV-12 9/27/2024	SV-13 10/16/2022	SV-13 10/3/2023	SV-13 9/27/2024
Contaminants of Concern																					
79-01-6	Trichloroethene (TCE)	<0.107	**0.263**	<0.358	**0.461**	**0.199**	**0.177**	**0.134**	**0.204**	**0.602**	**0.559**	**0.672**	**0.742**	**1.02**	**0.29**	**7.09**	**6.18**	**9.78**	**33.8**	**18.4**	**42.6**
71-55-6	1,1,1-Trichloroethane (TCA)	**227**	**470 D**	**677**	**698**	**432**	**411**	**357**	**464**	**557**	**546**	**928**	**878**	**1060**	**10.3**	**217**	**229**	**239**	**56.2**	**65.5**	**61.1**
75-35-4	1,1-Dichloroethene (DCE)	**0.896**	**0.777**	**0.607**	**0.65**	**0.956**	**0.936**	**1.23**	**1.82 J**	**0.547**	**0.511**	**0.579**	**0.492**	**0.337**	**3.63**	**36.9**	**27.8**	**28.3**	**1.59**	**0.761**	**0.218**
	Total Concentrations	**227.896**	**471.04**	**677.607**	**699.111**	**433.16**	**412.11**	**358.36**	**466.02**	**558.149**	**547.07**	**929.251**	**879.234**	**1061.357**	**14.22**	**260.99**	**262.98**	**277.08**	**91.59**	**84.661**	**103.918**
Other Compounds																					
75-34-3	1,1-Dichloroethane	<0.081	<0.081	<0.27	<0.289	<0.081	<0.081	< 0.081	< 0.081	<0.311	<0.337	< 0.337	< 0.081	< 0.081	<0.081	<0.253	< 0.126	< 0.081	<0.119	< 0.123	< 0.081
79-00-5	1,1,2-Trichloroethane	<0.109	<0.109	<0.364	<0.39	<0.109	<0.109	< 0.109	< 0.109	<0.42	<0.454	< 0.454	< 0.109	< 0.109	<0.109	<0.341	< 0.17	< 0.109	<0.16	< 0.165	< 0.109
79-34-5	1,1,2,2-Tetrachloroethane	<0.137	<0.137	<0.458	<0.49	<0.137	<0.137	< 0.137	< 0.137	**13.5**	**12.8**	< 0.572	< 0.137	< 0.137	<0.137	<0.424	< 0.214	< 0.137	0.705	< 0.208	< 0.137
120-82-1	1,2,4-Trichlorobenzene	<0.371 UJ	<0.371 UJ	<1.24	<1.32	<0.371	<0.371	< 0.371	< 0.371	<0.528	<0.572	< 1.54	< 0.371	< 0.371	<0.371 UJ	<0.429	< 0.58	< 0.371	<0.202	< 0.563	< 0.371
95-63-6	1,2,4-Trimethylbenzene	**0.334**	**0.556**	**0.688**	**0.369**	<0.098	<0.098	**1.7**	**2.4 J**	<1.43	<1.54	**2.56**	**3.8**	**0.211**	<0.098	<1.16	**1.83**	< 0.098	<0.546	**0.678**	< 0.098
106-93-4	1,2-Dibromoethane	<0.154	<0.154	<0.513	<0.549	<0.154	<0.154	< 0.154	< 0.154	**10.2**	**9.19**	< 0.64	< 0.154	< 0.154	<0.154	<0.307	< 0.24	< 0.154	2.84	< 0.233	< 0.154
95-50-1	1,2-Dichlorobenzene	<0.120	<0.120	<0.401	<0.429	<0.12	<0.12	< 0.12	< 0.12	<0.591	<0.64	< 0.501	< 0.12	< 0.12	<0.120	<0.48	< 0.188	< 0.12	<0.226	< 0.182	< 0.12
107-06-2	1,2-Dichloroethane	<0.081	<0.081	<0.27	<0.289	<0.081	<0.081	< 0.081	< 0.081	<0.462	<0.501	< 0.337	< 0.081	< 0.081	<0.081	<0.376	< 0.126	< 0.081	<0.177	< 0.123	< 0.081
78-87-5	1,2-Dichloropropane	<0.092	<0.092	<0.308	<0.33	<0.092	<0.092	< 0.092	< 0.092	<0.311	<0.337	< 0.385	< 0.092	< 0.092	<0.092	<0.253	< 0.144	< 0.092	<0.119	< 0.14	< 0.092
108-67-8	1,3,5-Trimethybenzene	**0.123**	**0.192**	<0.328	<0.351	<0.098	<0.098	**0.369**	**0.467**	<0.355	<0.385	**0.551**	**0.831**	< 0.098	<0.098	<0.289	**0.407**	< 0.098	<0.136	**0.194**	< 0.098
106-99-0	1,3-Butadiene	<0.044	<0.044	<0.148	<0.158	<0.044	<0.044	**0.049**	**0.08**	**2.89**	**2.58**	< 0.184	< 0.044	< 0.044	<0.044	<0.307	< 0.069	< 0.044	1.13	< 0.067	< 0.044
541-73-1	1,3-Dichlorobenzene	<0.120	<0.120	<0.401	<0.429	<0.12	<0.12	< 0.12	< 0.12	<0.17	<0.184	< 0.501	< 0.12	< 0.12	<0.120	<0.138	< 0.188	< 0.12	0.094	< 0.182	< 0.12
106-46-7	1,4-Dichlorobenzene	<0.120	<0.120	<0.401	<0.429	<0.12	<0.12	< 0.12	< 0.12	<0.462	<0.501	< 0.501	< 0.12	< 0.12	<0.120	<0.376	< 0.188	< 0.12	<0.177	< 0.182	< 0.12
123-91-1	1,4-Dioxane	<0.360	<0.360	<1.2	<1.29	<0.36	<0.36	< 0.36	< 0.36	<0.462	<0.501	< 1.5	< 0.36	< 0.36	<0.360	<0.376	< 0.562	< 0.36	<0.177	< 0.548	< 0.36
540-84-1	2,2,4-Trimethylpentane	<0.934	<0.934	<3.12	<3.33	<0.934	<0.934	< 0.934	< 0.934	<1.39	<1.5	< 3.89	< 0.934	< 0.934	<0.934	<1.12	< 1.46	< 0.934	<0.53	< 1.42	< 0.934
78-93-3	2-Butanone	**6.37**	**109**	**7.37**	**6.61**	**4.42**	**4.48**	**26.8**	**38.9 J**	<3.59	<3.89	**35.4**	**41**	**34.8**	**48.7**	<2.92	**164**	**324**	**<1.37**	**425**	**120**
591-78-6	2-Hexanone	**0.988**	**25.1**	<2.73	<2.93	<0.82	<0.82	**4.59**	**7.5**	**7.61**	**7.52**	**6.07**	**7.66**	**5.82**	**2.93**	**202**	**12.8**	**17**	**89.4**	**56.6**	**19.5**
107-05-1	3-Chloropropene	<0.626	<0.626 UJ	<2.09	<2.23	<0.626	<0.626	< 0.626	< 0.626	<3.15	<3.41	< 2.61	< 0.626	< 0.626	<0.626	**12.3**	< 0.977	< 0.626	9.22	< 0.948	< 0.626
622-96-8	4-Ethyltoluene	<0.098	<0.098	<0.328	<0.351	<0.098	<0.098	**0.398**	**0.57**	<2.41	<2.61	< 0.41	**0.428**	< 0.098	<0.098	<1.96	**0.253**	< 0.098	<0.92	< 0.149	< 0.098
108-10-1	4-Methyl-2-pentanone	<2.05	<2.05	<6.84	<7.29	<2.05	<2.05	< 2.05	< 2.05	**2.27**	**2.13**	< 8.52	< 2.05	< 2.05	<2.05	<0.307	< 3.2	< 2.05	0.405	< 3.11	< 2.05
67-64-1	Acetone	**40.9**	**337**	**35.9**	**39**	**16.9**	**17.5**	**126**	**184**	<7.87	<8.52	**175**	**176**	**123 J**	**9.91**	<6.39	**49.9**	**46.1 J**	**<3.01**	**156**	**41.1 J**
71-43-2	Benzene	**1.12**	**6.01**	<1.06	<1.14	<0.319	<0.319	**0.677**	**0.837**	**41.8**	**39.9**	**1.66 J**	**15.6 J**	**0.476**	**0.591**	**55.8**	**1.65**	**0.473**	**36.1**	**0.684**	< 0.319
100-44-7	Benzyl chloride	<1.04	<1.04	<3.45	<3.7	<1.04	<1.04	< 1.04	< 1.04	<1.23	<1.33	< 2.16	< 0.518	< 0.518 UJ	<1.04	<0.997	< 0.808	< 0.518 UJ	<0.47	< 0.787	< 0.518 UJ
75-27-4	Bromodichloromethane	<0.134	<0.134	<0.447	<0.478	<0.134	<0.134	< 0.134	< 0.134	<1.99	<2.16	< 0.558	< 0.134	< 0.134	<0.134	<1.62	< 0.209	< 0.134	<0.761	< 0.203	< 0.134
75-25-2	Bromoform	<0.207	<0.207	<0.69	<0.738	<0.207	<0.207	< 0.207	< 0.207	<0.515	<0.558	< 0.861	< 0.207	< 0.207	<0.207	<0.419	< 0.323	< 0.207	<0.197	< 0.313	< 0.207
74-83-9	Bromomethane	<0.078	<0.078	<0.259	<0.277	<0.078	<0.078	< 0.078	< 0.078	<0.795	<0.861	< 0.323	< 0.078	< 0.078	<0.078	<0.646	< 0.121	< 0.078	<0.304	< 0.118	< 0.078
75-15-0	Carbon disulfide	<0.623	**2.92**	<2.08	<2.22	<0.623	<0.623	< 0.623	< 0.623	<0.299	<0.323	< 2.59	**0.981**	< 0.623	**2.34**	<0.243	**6.32**	**4.02**	**<0.114**	**1.3**	< 0.623
56-23-5	Carbon tetrachloride	**0.157**	**0.315**	<0.42	<0.449	**0.352**	**0.359**	**0.359**	**0.283**	<2.39	<2.59	**0.55**	**0.472**	**0.421**	**0.359**	**16.6**	**0.774**	**0.774**	**1.55**	**0.286**	**0.195**
108-90-7	Chlorobenzene	<0.461	<0.461	<1.53	<1.64	<0.461	<0.461	< 0.461	< 0.461	<0.484	<0.524	< 1.92	< 0.461	< 0.461	<0.461	**0.629**	< 0.718	< 0.461	0.194	< 0.7	< 0.461
75-00-3	Chloroethane	<0.264	<0.264	<0.879	<0.942	<0.264	<0.264	< 0.264	< 0.264	<1.77	<1.92	< 1.1	< 0.264	< 0.264	<0.264	<1.44	< 0.412	< 0.264	<0.677	< 0.401	< 0.264
67-66-3	Chloroform	**0.112**	**0.205**	<0.326	<0.349	**0.122**	**0.137**	**0.107**	**0.137**	<1.02	<1.1	**0.468**	**0.386**	**0.347**	<0.098	<0.823	**0.465**	**0.493**	<0.388	**1.49**	**1.64**
74-87-3	Chloromethane	<0.413	<0.413	<1.38	<1.47	<0.413	<0.413	**0.522**	< 0.413	<0.376	<0.407	< 1.72	< 0.413	< 0.413	<0.413	**0.547**	< 0.644	< 0.413	1.09	< 0.626	< 0.413
156-59-2	cis-1,2-Dichloroethene	<0.079	<0.079	<0.264	<0.283	<0.079	<0.079	< 0.079	< 0.079	<1.59	<1.72	< 0.33	< 0.079	< 0.079	<0.079	<1.29	< 0.124	< 0.079	<0.607	< 0.12	< 0.079
10061-01-5	cis-1,3-Dichloropropene	<0.091	<0.091	<0.303	<0.324	<0.091	<0.091	< 0.091	< 0.091	<0.305	<0.33	< 0.378	< 0.091	< 0.091	<0.091	<0.248	< 0.142	< 0.091	<0.117	< 0.138	< 0.091
110-82-7	Cyclohexane	<0.688	<0.688	<2.3	<2.46	<0.688	<0.688	< 0.688	< 0.688	<0.349	<0.378	< 2.87	< 0.688	< 0.688	<0.688	<0.284	< 1.07	< 0.688	<0.133	< 1.04	< 0.688
124-48-1	Dibromochloromethane	<0.170	<0.170	<0.568	<0.608	<0.17	<0.17	< 0.17	< 0.17	<2.65	<2.87	< 0.71	< 0.17	< 0.17	<0.170	<2.15	< 0.266	< 0.17	<1.01	< 0.258	< 0.17
75-71-8	Dichlorodifluoromethane	**1.69**	**1.96**	<3.3	<3.53	**2.19**	**2.25**	**2.12**	**1.93**	<0.655	<0.71	< 4.12	**1.87**	**1.63**	**1.79**	<0.532	**2.35**	**1.95**	**<0.25**	**1.89**	**1.64**
64-17-5	Ethanol	<9.42	**22.6**	<31.5	<33.5	<9.42	<9.42	**9.95**	**11.8**	<3.8	<4.12	< 39.2 UJ	**15.9 J**	< 9.42	<9.42	<3.09	**17.6**	**19.4**	2.45	**137**	**26.4**
141-78-6	Ethyl Acetate	<1.80	<1.80	<6.02	<6.41	<1.8	<1.8	< 1.8	< 1.8	<36.2	<39.2	< 7.5	< 1.8	< 1.8	<1.80	<29.4	< 2.81	< 1.8	<13.8	< 2.73	< 1.8
100-41-4	Ethylbenzene	<0.087	**0.269**	<0.29	<0.31	<0.087	<0.087	**0.539**	**0.665**	<6.92	<7.5	**0.398**	**0.604**	< 0.087	<0.087	<5.62	**0.387**	< 0.087	<2.65	**0.349**	< 0.087
76-13-1	Freon-113	**4.84**	**15.8**	**11.5**	**11.6**	**7.97**	**7.97**	**4.72**	**6.63 J**	**0.469**	**0.508**	**12.6**	**15.9**	**15.8**	**1.02**	<0.271	**2.66**	**4.63**	**0.39**	**0.755**	**0.69**
76-14-2	Freon-114	<0.349	<0.349	<1.17	<1.24	<0.349	<0.349	< 0.349	< 0.349	**14**	**13.3**	< 1.45	< 0.349	< 0.349	<0.349	**4.64**	< 0.546	< 0.349	0.866	< 0.53	< 0.349
142-82-5	Heptane	<0.820	**0.832**	<2.73	<2.93	<0.82	<0.82	**2.31**	**3.17**	<1.34	<1.45	< 3.41	< 0.82	< 0.82	<0.820	<1.09	< 1.28	0.852	<0.514	**4.14**	1.31
87-68-3	Hexachlorobutadiene	<0.533	<0.533	<1.78	<1.9	<0.533	<0.533	< 0.533	< 0.533	<3.15	<3.41	< 2.22	< 0.533	< 0.533	<0.533	<2.56	< 0.833	< 0.533	<1.2	< 0.809	< 0.533
67-63-0	Isopropanol	<1.23	**1.45**	<4.1	<4.38	<1.23	<1.23	**2.22**	< 1.23	<2.05	<2.22	< 5.11	< 1.23	< 1.23	<1.23	<1.66	< 1.92	< 1.23	<0.784	**2.83**	< 1.23
1634-04-4	Methyl tert butyl ether	<0.721	<0.721	<2.4	<2.57	<0.721	<0.721	< 0.721	< 0.721	<4.72	<5.11	< 3	< 0.721	< 0.721	<0.721	<3.83	< 1.12	< 0.721	12.7	< 1.09	< 0.721
75-09-2	Methylene chloride	<1.74	<1.74	<5.8	<6.18	<1.74	<1.74	< 1.74	< 1.74	<2.77	<3	< 7.23	< 1.74	< 1.74	<1.74	<2.25	**4.48**	< 1.74	<1.06	< 2.63	< 1.74
110-54-3	n-Hexane	<0.705	**1.04**	<2.35	<2.52	<0.705	<0.705	< 0.705	**0.814**	<6.67	<7.23	< 2.94	< 0.705	< 0.705	**1.1**	<5.42	**1.95**	2.49	**<2.55**	**4.97**	1.9
95-47-6	o-Xylene	**0.104**	**0.434**	**0.333**	<0.31	<0.087	<0.087	**0.877**	**1.08**	<2.71	<2.94	**0.795**	**1.17**	**0.117**	<0.087	<2.2	**0.639**	< 0.087	<1.04	**0.478**	**0.091**
179601-23-1	p/m-Xylene	<0.174	**1**	**0.869**	<0.621	<0.174	<0.174	**2.54**	**3.21**	**0.903**	**0.903**	**1.81**	**2.63**	**0.278**	<0.174	<0.271	**1.55**	**0.174**	0.682	**1.01**	**0.243**
100-42-5	Styrene	<0.085	**0.149**	<0.284	<0.304	<0.085	<0.085	**0.498**	**0.4**	**2.07**	**2.32**	< 0.355	**0.23**	0.864	<0.085	<0.543	**0.14**	< 0.085	1.56	**0.193**	0.085
75-65-0	Tertiary butyl Alcohol	<1.52	**4.52**	<5.06	<5.4	<1.52	<1.52	**2.5**	**3.24**	<0.327	<0.355	< 6.31	**2.12**	< 1.52	<1.52	<0.266	**13.5**	**21.8**	<0.125	**29.8**	**2.46**
127-18-4	Tetrachloroethene	**0.373**	**0.332**	<0.452	<0.484	**50.3**	**25.2**	< 0.136	< 0.136	<5.82	<6.31	< 0.565 UJ	**2.42 J**	< 0.136	**0.332**	**11.7**	< 0.212	< 0.136	**<2.23**	**0.257**	**0.197**
109-99-9	Tetrahydrofuran	<1.47	<1.47	<4.93	<5.25	<1.47	<1.47	< 1.47	< 1.47	<5.66	<6.13	< 6.13	**2.88**	< 1.47	<1.47	<4.6	< 2.3	< 1.47	<2.17	< 2.24	< 1.47
108-88-3	Toluene	<0.188	**1.21**	**0.742**	<0.671	<0.188	**0.23**	**1.98**	**2.2**	**1.67**	**2.39**	< 1.57	**1.41**	< 0.377	<0.188	<1.18	**1.28**	< 0.377	0.799	**1.63**	0.377
156-60-5	trans-1,2-Dichloroethene	<0.079	<0.079	<0.264	<0.283	<0.079	<0.079	< 0.079	< 0.079	<0.305	<0.33	< 0.33	< 0.079	< 0.079	<0.079	<0.248	< 0.124	< 0.079	<0.117	< 0.12	< 0.079
10061-02-6	trans-1,3-Dichloropropene	<0.091	<0.091	<0.303	<0.324	<0.091	<0.091	< 0.091	< 0.091	<0.349	<0.378	< 0.378	< 0.091	< 0.091	<0.091	<0.284	< 0.142	< 0.091	<0.133	< 0.138	< 0.091
75-69-4	Trichlorofluoromethane	**0.804**	**1.24**	<0.938	<1	**1.35**	**1.37**	**1.23**	**1.21**	**1.45**	**1.36**	**1.55**	**1.53**	**1.17**	**0.792**	**1.37**	**1.39**	**1.2**	**1.49**	**1.62**	**1.17**
593-60-2	Vinyl bromide	<0.874	<0.874	<2.92	<3.12	<0.874	<0.874	< 0.874	< 0.874	<3.36	<3.64	< 3.64	< 0.874	< 0.874	<0.874	<2.73	< 1.36	< 0.874	<1.29	< 1.32	< 0.874
75-01-4	Vinyl chloride	<0.051	<0.051	<0.171	<0.183	<0.051	<0.051	< 0.051	< 0.051	<0.197	<0.213	< 0.213	< 0.051	< 0.051	<0.051	<0.16	< 0.08	< 0.051	<0.075	< 0.078	< 0.051

NOTES:

Bolded results detected above the Reporting Limit.

µg/m3: microgram per meter cubed

Samples were analyzed by Alpha Analytical in West

"Contaminants of Concern": Table 1 January 2010 N

DATA QUALIFIERS

no qualifier The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.

"J" The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

"UJ" The analyte was analyzed for but not detected. The reportedquantitation limit is approximate and may be inaccurate or imprecise.

MarksEngineering

Appendix A
Soil Vapor Sampling Logs

Air/Soil Gas Sampling Form

Project # NYSDEC Site No. 8-35-013 Date 9/27/2024

Project Name Modock Rd. Springs/DLS Sand & Gravel Personnell J. Wolf / J. Moore

Type of sample: (Circle one) Indoor air Substructure soil gas Ambient air (Soil gas)

Sample Location SU-01

Canister Record

Canister ID 3375

Flow controller ID 0909

Sample duration 4 HRS

Sampling rate 20 ml/min

Sample ID SU-01

Date/Time start 09/27/24 0930 Start pressure -29.44

Date/Time end 09/27/24 1330 End pressure -1.82

Complete all that apply:

Air temperature (°F) 62°F PID meter ID NA % O_2 NA

Barometric pressure FID meter ID % CO_2

PID reading (before) 0.0 Gas analyzer ID % CH_4

PID reading (after) 0.0 Ft. tubing used

For indoor location:

Noticeable odor NA

Floor slab depth

Intake height above floor (ft)

Intake depth below floor (ft)

Ground surface type

Potential vapor entry points observed

Room

Story/level

For outdoor location:

Noticeable odor NA

Distance to road (ft)

Direction to closest building (degrees)

Distance to closest building (ft)

Intake height above ground level (ft)

Intake depth below ground level (ft)

Soil type

Comments:

Analytical method required USEPA Method TO-15 SIM

Laboratory used Pace Labs Mansfield, MA

Air/Soil Gas Sampling Form

Project # NYSDEC Site No. 8-35-013
Project Name Modock Rd. Springs/DLS Sand & Gravel
Date 9/27/2024
Personnell J. Wolf / J. Moore

Type of sample: (Circle one) Indoor air | Substructure soil gas | Ambient air | (Soil gas)

Sample Location: SV-02

Canister Record
Canister ID: 3945
Flow controller ID: 0753
Sample duration: 4 HRS
Sampling rate: 20 ml/min

Sample ID: SV-02
Date/Time start: 9/27/24 0900
Date/Time end: 9/27/24 1300
Start pressure: -29.72
End pressure: -2.27

Complete all that apply:

Air temperature (°F): 58° F
Barometric pressure:
PID reading (before): 0.0
PID reading (after): 0.0

PID meter ID: NA
FID meter ID:
Gas analyzer ID:
Ft. tubing used:

% O_2: NA
% CO_2:
% CH_4:

For indoor location:

Noticeable odor: NA
Floor slab depth:
Intake height above floor (ft):
Intake depth below floor (ft):
Ground surface type:
Potential vapor entry points observed:
Room:
Story/level:

For outdoor location:

Noticeable odor: NA
Distance to road (ft):
Direction to closest building (degrees):
Distance to closest building (ft):
Intake height above ground level (ft):
Intake depth below ground level (ft):
Soil type:

Comments:

Analytical method required: USEPA Method TO-15 SIM
Laboratory used: Pace Labs Mansfield, MA

Air/Soil Gas Sampling Form

Project # NYSDEC Site No. 8-35-013 Date 9/27/2024

Project Name Modock Rd. Springs/DLS Sand & Gravel Personnell J. Wolf / J. Moore

Type of sample: (Circle one) Indoor air Substructure soil gas Ambient air (Soil gas)

Sample Location SU-03

Canister Record

Canister ID 4262

Flow controller ID 01830

Sample duration 4 HRS

Sampling rate 20 ml/min

Sample ID SU-03

Date/Time start 9/27/24 0910 Start pressure -29.74

Date/Time end 9/27/24 1310 End pressure -7.15

Complete all that apply:

Air temperature (°F) 58°F PID meter ID NA % O_2 NA

Barometric pressure FID meter ID % CO_2 ↓

PID reading (before) 0.0 Gas analyzer ID % CH_4

PID reading (after) 0.0 Ft. tubing used ↓

For indoor location:

Noticeable odor NA

Floor slab depth

Intake height above floor (ft)

Intake depth below floor (ft)

Ground surface type

Potential vapor entry points observed

Room

Story/level

For outdoor location:

Noticeable odor NA

Distance to road (ft)

Direction to closest building (degrees)

Distance to closest building (ft)

Intake height above ground level (ft)

Intake depth below ground level (ft)

Soil type

Comments:

Analytical method required USEPA Method TO-15 SIM

Laboratory used Pace Labs Mansfield, MA

Air/Soil Gas Sampling Form

Project # NYSDEC Site No. 8-35-013 Date 9/27/2024

Project Name Modock Rd. Springs/DLS Sand & Gravel Personnell J. Wolf / J. Moore

Type of sample: (Circle one) Indoor air Substructure soil gas Ambient air (Soil gas)

Sample Location: SV-04

Canister Record
- Canister ID: 3657
- Flow controller ID: 02167
- Sample duration: 4 HRS 10 min
- Sampling rate: 20 ml/min

Sample ID: SV-04

Date/Time start: 9/27/24 0950 Start pressure: -29.43

Date/Time end: 9/27/24 1400 End pressure: -5.47

Complete all that apply:

Air temperature (°F)	64°F	PID meter ID	NA	% O_2	NA
Barometric pressure		FID meter ID		% CO_2	
PID reading (before)	0.0	Gas analyzer ID		% CH_4	
PID reading (after)	0.0	Ft. tubing used			

For indoor location:

Noticeable odor	NA
Floor slab depth	
Intake height above floor (ft)	
Intake depth below floor (ft)	
Ground surface type	
Potential vapor entry points observed	
Room	
Story/level	

For outdoor location:

Noticeable odor	NA
Distance to road (ft)	
Direction to closest building (degrees)	
Distance to closest building (ft)	
Intake height above ground level (ft)	
Intake depth below ground level (ft)	
Soil type	

Comments:

Analytical method required: USEPA Method TO-15 SIM

Laboratory used: Pace Labs Mansfield, MA

Air/Soil Gas Sampling Form

Project #	NYSDEC Site No. 8-35-013	Date	9/27/2024
Project Name	Modock Rd. Springs/DLS Sand & Gravel	Personnell	J. Wolf / J. Moore

Type of sample: (Circle one) Indoor air | Substructure soil gas | Ambient air | (Soil gas)

Sample Location: SV-05R

Canister Record

Canister ID	3073
Flow controller ID	0261
Sample duration	4 HRS
Sampling rate	20 ml/min

Sample ID	SV-05R		
Date/Time start	9/27/24 0920	Start pressure	-29.53
Date/Time end	9/27/24 1320	End pressure	-1.53

Complete all that apply:

Air temperature (°F)	62°F	PID meter ID	NA	% O_2	NA
Barometric pressure		FID meter ID		% CO_2	↓
PID reading (before)	0.0	Gas analyzer ID		% CH_4	↓
PID reading (after)	0.0	Ft. tubing used	↓		

For indoor location:

Noticeable odor	NA
Floor slab depth	
Intake height above floor (ft)	
Intake depth below floor (ft)	
Ground surface type	
Potential vapor entry points observed	
Room	
Story/level	↓

For outdoor location:

Noticeable odor	NA
Distance to road (ft)	
Direction to closest building (degrees)	
Distance to closest building (ft)	
Intake height above ground level (ft)	
Intake depth below ground level (ft)	
Soil type	↓

Comments:

Analytical method required	USEPA Method TO-15 SIM
Laboratory used	Pace Labs Mansfield, MA

Air/Soil Gas Sampling Form

Project # NYSDEC Site No. 8-35-013 Date 9/27/2024

Project Name Modock Rd. Springs/DLS Sand & Gravel Personnell J. Wolf / J. Moore

Type of sample: (Circle one) Indoor air Substructure soil gas Ambient air (Soil gas)

Sample Location: SV-06

Canister Record

Canister ID 1899

Flow controller ID 01085

Sample duration 4 HRS 5 Min

Sampling rate 20 ml min

Sample ID SV06

Date/Time start 9/27/24 1000

Date/Time end 9/27/24 1405

Start pressure -29.57

End pressure -28.43

Complete all that apply:

Air temperature (°F) 65

Barometric pressure

PID reading (before) 0.0

PID reading (after) 0.0

PID meter ID NA

FID meter ID

Gas analyzer ID

Ft. tubing used

% O_2 NA

% CO_2

% CH_4

For indoor location:

Noticeable odor NA

Floor slab depth

Intake height above floor (ft)

Intake depth below floor (ft)

Ground surface type

Potential vapor entry points observed

Room

Story/level

For outdoor location: NA

Noticeable odor

Distance to road (ft)

Direction to closest building (degrees)

Distance to closest building (ft)

Intake height above ground level (ft)

Intake depth below ground level (ft)

Soil type

Comments:

DO NOT Analyze. Can pressure had minimal change

Analytical method required USEPA Method TO-15 SIM

Laboratory used Pace Labs Mansfield, MA

Air/Soil Gas Sampling Form

Project #	NYSDEC Site No. 8-35-013	Date	9/27/2024
Project Name	Modock Rd. Springs/DLS Sand & Gravel	Personnell	J. Wolf / J. Moore

Type of sample: (Circle one) Indoor air | Substructure soil gas | Ambient air | (Soil gas)

Sample Location		Canister Record	
	SV-07	Canister ID	2935
		Flow controller ID	01561
		Sample duration	4 HRS 30 min
		Sampling rate	20 ml/min

Sample ID	SV-07		
Date/Time start	9/27/24 0940	Start pressure	-30.00
Date/Time end	9/27/24 1410	End pressure	-20.64

Complete all that apply:

Air temperature (°F)	63 °F	PID meter ID	NA	% O_2	NA
Barometric pressure		FID meter ID		% CO_2	
PID reading (before)	0.0	Gas analyzer ID		% CH_4	
PID reading (after)	0.0	Ft. tubing used			

For indoor location:		For outdoor location:	
Noticeable odor	NA	Noticeable odor	NA
Floor slab depth		Distance to road (ft)	
Intake height above floor (ft)		Direction to closest building (degrees)	
Intake depth below floor (ft)		Distance to closest building (ft)	
Ground surface type		Intake height above ground level (ft)	
Potential vapor entry points observed		Intake depth below ground level (ft)	
Room		Soil type	
Story/level			

Comments:

Analytical method required	USEPA Method TO-15 SIM
Laboratory used	Pace Labs Mansfield, MA

Air/Soil Gas Sampling Form

Project #	NYSDEC Site No. 8-35-013	Date	9/27/2024
Project Name	Modock Rd. Springs/DLS Sand & Gravel	Personnell	J. Wolf / J. Moore

Type of sample: (Circle one) Indoor air | Substructure soil gas | Ambient air | (Soil gas)

Sample Location	SV-08	Canister Record	
		Canister ID	2948
		Flow controller ID	01820
		Sample duration	4HRS
		Sampling rate	20 ml/min

Sample ID	SV-08		
Date/Time start	9/27/24 0815	Start pressure	-29.44
Date/Time end	9/27/24 1215	End pressure	-9.00

Complete all that apply:

Air temperature (°F)	56°F	PID meter ID	NA	% O_2	NA
Barometric pressure		FID meter ID		% CO_2	↓
PID reading (before)	0.0	Gas analyzer ID		% CH_4	
PID reading (after)	0.0	Ft. tubing used			

For indoor location:

Noticeable odor	NA
Floor slab depth	
Intake height above floor (ft)	
Intake depth below floor (ft)	
Ground surface type	
Potential vapor entry points observed	
Room	
Story/level	

For outdoor location:

Noticeable odor	NA
Distance to road (ft)	
Direction to closest building (degrees)	
Distance to closest building (ft)	
Intake height above ground level (ft)	
Intake depth below ground level (ft)	
Soil type	

Comments:

Analytical method required	USEPA Method TO-15 SIM
Laboratory used	Pace Labs Mansfield, MA

Air/Soil Gas Sampling Form

Project # NYSDEC Site No. 8-35-013 Date 9/27/2024

Project Name Modock Rd. Springs/DLS Sand & Gravel Personnell J. Wolf / J. Moore

Type of sample: (Circle one) Indoor air Substructure soil gas Ambient air (Soil gas)

Sample Location SV-09R

Canister Record

Canister ID 760

Flow controller ID 02478

Sample duration 4 HRS 35 min

Sampling rate 20 ml/min

Sample ID SV-09R

Date/Time start 9/27/24 0805 Start pressure -29.45

Date/Time end 9/27/24 1240 End pressure -29.43

Complete all that apply:

Air temperature (°F) 56° PID meter ID % O_2

Barometric pressure FID meter ID % CO_2

PID reading (before) 0.0 Gas analyzer ID % CH_4

PID reading (after) 0.0 Ft. tubing used

For indoor location:

Noticeable odor NA

Floor slab depth

Intake height above floor (ft)

Intake depth below floor (ft)

Ground surface type

Potential vapor entry points observed

Room

Story/level

For outdoor location:

Noticeable odor NA

Distance to road (ft)

Direction to closest building (degrees)

Distance to closest building (ft)

Intake height above ground level (ft)

Intake depth below ground level (ft)

Soil type

Comments:

DO NOT Analyze Gauge did not change

Analytical method required USEPA Method TO-15 SIM

Laboratory used Pace Labs Mansfield, MA

Air/Soil Gas Sampling Form

Project #	NYSDEC Site No. 8-35-013	Date	9/27/2024
Project Name	Modock Rd. Springs/DLS Sand & Gravel	Personnell	J. Wolf / J. Moore

Type of sample: (Circle one) Indoor air | Substructure soil gas | Ambient air | (Soil gas)

Sample Location	SV-10	Canister Record	
		Canister ID	3273
		Flow controller ID	0763
		Sample duration	4 HRS 10 min
		Sampling rate	20 ml/min

Sample ID	SV-10		
Date/Time start	9/27/24 1015	Start pressure	-29.38
Date/Time end	9/27/24 1425	End pressure	-2.74

Complete all that apply:

Air temperature (°F)	65°F	PID meter ID	NA	% O_2	NA
Barometric pressure		FID meter ID		% CO_2	↓
PID reading (before)	0.0	Gas analyzer ID		% CH_4	↓
PID reading (after)	0.0	Ft. tubing used	↓		

For indoor location:		For outdoor location:	
Noticeable odor	NA	Noticeable odor	NA
Floor slab depth		Distance to road (ft)	
Intake height above floor (ft)		Direction to closest building (degrees)	
Intake depth below floor (ft)		Distance to closest building (ft)	
Ground surface type		Intake height above ground level (ft)	
Potential vapor entry points observed		Intake depth below ground level (ft)	
Room		Soil type	
Story/level			

Comments: Collected Blind DUP DUP ID 0927A
Dup Time 1200
Dup End Time 1610
CAN ID: 2062
Flow ID: 0647
Start Pressure: -29.42
End Pressure: -8.00

Analytical method required	USEPA Method TO-15 SIM
Laboratory used	Pace Labs Mansfield, MA

Air/Soil Gas Sampling Form

Project #	NYSDEC Site No. 8-35-013	Date	9/27/2024
Project Name	Modock Rd. Springs/DLS Sand & Gravel	Personnell	J. Wolf / J. Moore

Type of sample: (Circle one) Indoor air | Substructure soil gas | Ambient air | (Soil gas)

Sample Location	Canister Record	
SV-11	Canister ID	4/305
	Flow controller ID	0732
	Sample duration	4 HRS
	Sampling rate	20ml/min

Sample ID	SV-11		
Date/Time start	09/27/24 1030	Start pressure	-29.50
Date/Time end	09/27/25 1430	End pressure	-5.07

Complete all that apply:

Air temperature (°F)	65°F	PID meter ID	NA	% O_2	NA
Barometric pressure		FID meter ID		% CO_2	
PID reading (before)	0.0	Gas analyzer ID		% CH_4	
PID reading (after)	0.0	Ft. tubing used			

For indoor location:		For outdoor location:	
Noticeable odor	NA	Noticeable odor	NA
Floor slab depth		Distance to road (ft)	
Intake height above floor (ft)		Direction to closest building (degrees)	
Intake depth below floor (ft)		Distance to closest building (ft)	
Ground surface type		Intake height above ground level (ft)	
Potential vapor entry points observed		Intake depth below ground level (ft)	
Room		Soil type	
Story/level			

Comments: Collected Blind DUP DUP ID: 0927B
Dup Time: 1210
Dup End Time: 02/25
CAN ID: 1897
Flow ID:
Start Pressure:
End Pressure:

No Sample
No Fitting
Provided

Analytical method required: USEPA Method TO-15 SIM

Laboratory used: Pace Labs Mansfield, MA

No DUP collected due to lack of proper SS fitting.

Air/Soil Gas Sampling Form

Project #	NYSDEC Site No. 8-35-013	Date	9/27/2024
Project Name	Modock Rd. Springs/DLS Sand & Gravel	Personnell	J. Wolf / J. Moore

Type of sample: (Circle one) Indoor air | Substructure soil gas | Ambient air | (Soil gas)

Sample Location		Canister Record	
	SV-12	Canister ID	3614
		Flow controller ID	01541
		Sample duration	5 HRS
		Sampling rate	200 ml/min

Sample ID	~~SV-9~~ SV-12		
Date/Time start	9/27/24 0845	Start pressure	-29.79
Date/Time end	9/27/24 1345	End pressure	-7.30

Complete all that apply:

Air temperature (°F)	59°	PID meter ID	NA	% O_2	NA
Barometric pressure		FID meter ID		% CO_2	↓
PID reading (before)	0.0	Gas analyzer ID		% CH_4	↓
PID reading (after)	0.0	Ft. tubing used	↓		

For indoor location:		For outdoor location:	
Noticeable odor	NA	Noticeable odor	NA
Floor slab depth		Distance to road (ft)	
Intake height above floor (ft)		Direction to closest building (degrees)	
Intake depth below floor (ft)		Distance to closest building (ft)	
Ground surface type		Intake height above ground level (ft)	
Potential vapor entry points observed		Intake depth below ground level (ft)	
Room		Soil type	
Story/level	↓		

Comments: Location inside Mine

Analytical method required	USEPA Method TO-15 SIM
Laboratory used	Pace Labs Mansfield, MA

Air/Soil Gas Sampling Form

Project #	NYSDEC Site No. 8-35-013	Date	9/27/2024
Project Name	Modock Rd. Springs/DLS Sand & Gravel	Personnell	J. Wolf / J. Moore

Type of sample: (Circle one) Indoor air | Substructure soil gas | Ambient air | (Soil gas)

Sample Location	SV-13	Canister Record	
		Canister ID	3372
		Flow controller ID	01400
		Sample duration	4 HRS
		Sampling rate	20 ml/min

Sample ID	SV-13		
Date/Time start	9/27/24 0830	Start pressure	-29.50
Date/Time end	9/27/24 1230	End pressure	-4.87

Complete all that apply:

Air temperature (°F)	56 °F	PID meter ID	NA	% O_2	NA
Barometric pressure		FID meter ID		% CO_2	↓
PID reading (before)	0.0	Gas analyzer ID		% CH_4	
PID reading (after)	0.0	Ft. tubing used	↓		

For indoor location:

Noticeable odor	NA
Floor slab depth	
Intake height above floor (ft)	
Intake depth below floor (ft)	
Ground surface type	
Potential vapor entry points observed	
Room	
Story/level	↓

For outdoor location:

Noticeable odor	NA
Distance to road (ft)	
Direction to closest building (degrees)	
Distance to closest building (ft)	
Intake height above ground level (ft)	
Intake depth below ground level (ft)	
Soil type	↓

Comments: SV-13 is located 6' West of monitoring well pad.

Analytical method required	USEPA Method TO-15 SIM
Laboratory used	Pace Labs Mansfield, MA

MarksEngineering

Appendix B
Chain of Custody Forms

AIR ANALYSIS

PAGE 1 OF 2

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/1/24

ALPHA Job #: L2456385

Client Information

Client: Marks Engineering
Address: 4303 Route 5 & 20
Canandaigua NY 14424
Phone: 585-500-8392
Fax:
Email: JWolf@marksengineering.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: DLS/Modock Rd Springs
Project Location: Victor NY
Project #: 24-052 B
Project Manager: Jeremy Wolf
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☒ Additional Deliverables: EDD NYS & CAT B
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 24-052B

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum HCs	Fixed Gases ☐	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
56385-01	SV-01	9/27/24	0930	1330	-29.44	-1.82	SV	JW	6L	3375	0909	X					
02	SV-02	9/27/24	0900	1300	-29.72	-2.27	SV	JW	6L	3945	0753	X					
03	SV-03	9/27/24	0910	1310	-29.74	-7.15	SV	JW	6L	4262	01830	X					
04	SV-04	9/27/24	0950	1400	-29.43	-5.47	SV	JW	6L	3657	02167	X					
05	SV-05R	9/27/24	0920	1320	-29.53	-1.53	SV	JW	6L	3073	0261	X					
06	SV-06	9/27/24	1000	1405	-29.57	-28.43	SV	JW	6L	1899	01085						Do Not Analyze
07	SV-07	9/27/24	0940	1410	-30.00	-20.64	SV	JW	6L	2935	01561	X					
08	SV-08	9/27/24	0815	1215	-29.44	-9.00	SV	JW	6L	2948	01820	X					
09	SV-09R	9/27/24	0805	1240	-29.45	-29.43	SV	JW	6L	760	02478						Do Not Analyze
10	SV-10	9/27/24	1015	1425	-29.38	-2.74	SV	JW	6L	3273	0263	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Russell B Bixby	9/30/24 1425	PACE	9/30/24 10:53
	9/30/24 1822	S.C.	9/30/24 14:25
	0030	PACE	10/1/24 0555

Form No: 101-02 Rev: (25-Sep-15)

AIR ANALYSIS

PAGE 2 OF 2

ALPHA ANALYTICAL

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #:

Client Information

Client: Marks Engineering
Address: 4303 Route 5 & 20
Canandaigua NY 14424
Phone: 585-500-8392
Fax:
Email: JWolf@MarksEngineering.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: DLS/ Modock Rd Springs
Project Location: Victor, NY
Project #: 24-052B
Project Manager: Jeremy Wolf
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☒ Additional Deliverables: NYS EDD & CAT B Deliverable
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 24-052B

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
11	SV-11	9/27/24	1030	1430	-29.50	-5.07	SV	JW	6L	4305	0732	X					
12	SV-12	9/27/24	0845	1345	-29.79	-1.30	SV	JW	6L	3614	01541	X					
13	SV-13	9/27/24	0830	1230	-29.50	-4.87	SV	JW	6L	3372	01400	X					
14	Dup 0927A	9/27/24	1200	1610	-29.42	-8.00	SV	JW	6L	2062	0647	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
		Jeff Mayoh PACE	9/30/24 1053
Jeff Mayoh PACE	9/30/24 1425	J Mayoh Roch. C.	9/30/24 14:25
Russell B. Bishop	9-30-24 1822		
	10/1/24 0030	Rob Mendoza PACE	10/1/24 0530

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

MarksEngineering

Exhibit A
Laboratory Reports
(Results Only)

ANALYTICAL REPORT

Lab Number:	L2456385
Client:	Marks Engineering, PC 42 Beeman Street Canandaigua, NY 14424
ATTN:	Jeremy Wolf
Phone:	(585) 500-8392
Project Name:	DLS/MODOCK RD SPRINGS
Project Number:	24-052B
Report Date:	10/07/24

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B

Lab Number: L2456385
Report Date: 10/07/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2456385-01	SV-01	SOIL_VAPOR	VICTOR NY	09/27/24 13:30	09/30/24
L2456385-02	SV-02	SOIL_VAPOR	VICTOR NY	09/27/24 13:00	09/30/24
L2456385-03	SV-03	SOIL_VAPOR	VICTOR NY	09/27/24 13:10	09/30/24
L2456385-04	SV-04	SOIL_VAPOR	VICTOR NY	09/27/24 14:00	09/30/24
L2456385-05	SV-05R	SOIL_VAPOR	VICTOR NY	09/27/24 13:20	09/30/24
L2456385-06	SV-06	SOIL_VAPOR	VICTOR NY	09/27/24 14:05	09/30/24
L2456385-07	SV-07	SOIL_VAPOR	VICTOR NY	09/27/24 14:10	09/30/24
L2456385-08	SV-08	SOIL_VAPOR	VICTOR NY	09/27/24 12:15	09/30/24
L2456385-09	SV-09R	SOIL_VAPOR	VICTOR NY	09/27/24 12:40	09/30/24
L2456385-10	SV-10	SOIL_VAPOR	VICTOR NY	09/27/24 14:25	09/30/24
L2456385-11	SV-11	SOIL_VAPOR	VICTOR NY	09/27/24 14:30	09/30/24
L2456385-12	SV-12	SOIL_VAPOR	VICTOR NY	09/27/24 13:45	09/30/24
L2456385-13	SV-13	SOIL_VAPOR	VICTOR NY	09/27/24 12:30	09/30/24
L2456385-14	DUP0927A	SOIL_VAPOR	VICTOR NY	09/27/24 16:10	09/30/24
L2456385-15	UNUSED CAN #1897	SOIL_VAPOR	VICTOR NY		09/30/24

Project Name:	DLS/MODOCK RD SPRINGS	**Lab Number:**	L2456385
Project Number:	24-052B	**Report Date:**	10/07/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: DLS/MODOCK RD SPRINGS **Lab Number:** L2456385
Project Number: 24-052B **Report Date:** 10/07/24

Case Narrative (continued)

Volatile Organics in Air
Canisters were released from the laboratory on September 24, 2024. The canister certification data is provided as an addendum.

L2456385-07D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2456385-08D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2456385-11D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2456385-11: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2456385-12D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2456385-12: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s)

Project Name: DLS/MODOCK RD SPRINGS **Lab Number:** L2456385
Project Number: 24-052B **Report Date:** 10/07/24

Case Narrative (continued)

that exceeded the calibration range.

Sample Receipt

L2456385-06, and -09 failed to collect an adequate volume of sample for analysis, these samples were cancelled.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 10/07/24

AIR

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-01
Client ID: SV-01
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:30
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 16:04
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.354	0.200	--	1.75	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	12.2	1.00	--	29.0	2.38	--		1
Trichlorofluoromethane	0.175	0.050	--	0.983	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.067	0.050	--	0.514	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.52	0.500	--	7.43	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-01
Client ID: SV-01
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:30
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.026	0.020	--	0.127	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	1.14	0.020	--	6.22	0.109	--		1
Benzene	0.103	0.100	--	0.329	0.319	--		1
Carbon tetrachloride	0.047	0.020	--	0.296	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	0.360	0.020	--	1.93	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.106	0.100	--	0.399	0.377	--		1
2-Hexanone	0.324	0.200	--	1.33	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-01
Client ID: SV-01
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:30
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.049	0.040	--	0.213	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.020	0.020	--	0.087	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	102		60-140
bromochloromethane	104		60-140
chlorobenzene-d5	108		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-02
Client ID: SV-02
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:00
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 16:36
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.325	0.200	--	1.61	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.59	1.00	--	10.9	2.38	--		1
Trichlorofluoromethane	0.187	0.050	--	1.05	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	6.51	0.500	--	19.7	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.070	0.050	--	0.537	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	7.89	0.500	--	23.3	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-02
Client ID: SV-02
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:00
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	0.417	0.020	--	2.28	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.024	0.020	--	0.151	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
2-Hexanone	0.603	0.200	--	2.47	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-02
Client ID: SV-02
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:00
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	101		60-140
bromochloromethane	105		60-140
chlorobenzene-d5	109		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-03
Client ID: SV-03
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:10
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 17:08
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.278	0.200	--	1.37	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	18.9	1.00	--	44.9	2.38	--		1
Trichlorofluoromethane	0.181	0.050	--	1.02	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	1.98	0.500	--	6.88	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.325	0.200	--	1.01	0.623	--		1
Freon-113	0.072	0.050	--	0.552	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.90	0.500	--	11.5	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-03
Client ID: SV-03
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:10
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.103	0.020	--	0.503	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.021	0.020	--	0.132	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
2-Hexanone	0.504	0.200	--	2.07	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-03
Client ID: SV-03
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:10
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.040	0.040	--	0.174	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	104		60-140
bromochloromethane	107		60-140
chlorobenzene-d5	111		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-04
Client ID: SV-04
Sample Location: VICTOR NY

Date Collected: 09/27/24 14:00
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 17:40
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	1.53	0.200	--	7.57	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	13.0	1.00	--	30.9	2.38	--		1
Trichlorofluoromethane	0.218	0.050	--	1.23	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	3.18	0.500	--	9.64	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.093	0.050	--	0.713	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	36.9	0.500	--	109	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-04
Client ID: SV-04
Sample Location: VICTOR NY

Date Collected: 09/27/24 14:00
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	2.13	0.020	--	11.6	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
2-Hexanone	2.94	0.200	--	12.0	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.021	0.020	--	0.142	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-04
Client ID: SV-04
Sample Location: VICTOR NY

Date Collected: 09/27/24 14:00
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	102		60-140
bromochloromethane	106		60-140
chlorobenzene-d5	110		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-05
Client ID: SV-05R
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:20
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 18:45
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.372	0.200	--	1.84	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	7.32	5.00	--	13.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	12.1	1.00	--	28.7	2.38	--		1
Trichlorofluoromethane	0.182	0.050	--	1.02	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	3.21	0.500	--	9.73	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.263	0.200	--	0.819	0.623	--		1
Freon-113	0.070	0.050	--	0.537	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	26.6	0.500	--	78.5	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-05
Client ID: SV-05R
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:20
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.391	0.020	--	1.91	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	0.405	0.200	--	1.43	0.705	--		1
1,1,1-Trichloroethane	0.026	0.020	--	0.142	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.061	0.020	--	0.384	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.210	0.200	--	0.861	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.115	0.100	--	0.433	0.377	--		1
2-Hexanone	3.44	0.200	--	14.1	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.067	0.020	--	0.454	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.031	0.020	--	0.135	0.087	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-05
Client ID: SV-05R
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:20
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.149	0.040	--	0.647	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.044	0.020	--	0.191	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	0.025	0.020	--	0.123	0.098	--		1
1,2,4-Trimethylbenzene	0.049	0.020	--	0.241	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	106		60-140
bromochloromethane	109		60-140
chlorobenzene-d5	115		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-07 D
Client ID: SV-07
Sample Location: VICTOR NY

Date Collected: 09/27/24 14:10
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 19:18
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.531	0.450	--	2.63	2.23	--		2.25
Chloromethane	ND	0.450	--	ND	0.929	--		2.25
Freon-114	ND	0.112	--	ND	0.783	--		2.25
Vinyl chloride	ND	0.045	--	ND	0.115	--		2.25
1,3-Butadiene	ND	0.045	--	ND	0.10	--		2.25
Bromomethane	ND	0.045	--	ND	0.175	--		2.25
Chloroethane	ND	0.225	--	ND	0.594	--		2.25
Ethanol	12.2	11.2	--	23.0	21.1	--		2.25
Vinyl bromide	ND	0.450	--	ND	1.97	--		2.25
Acetone	53.4	2.25	--	127	5.34	--		2.25
Trichlorofluoromethane	0.333	0.112	--	1.87	0.629	--		2.25
Isopropanol	ND	1.12	--	ND	2.75	--		2.25
1,1-Dichloroethene	ND	0.045	--	ND	0.178	--		2.25
Tertiary butyl Alcohol	47.5	1.12	--	144	3.40	--		2.25
Methylene chloride	7.06	1.12	--	24.5	3.89	--		2.25
3-Chloropropene	ND	0.450	--	ND	1.41	--		2.25
Carbon disulfide	1.02	0.450	--	3.18	1.40	--		2.25
Freon-113	0.189	0.112	--	1.45	0.858	--		2.25
trans-1,2-Dichloroethene	ND	0.045	--	ND	0.178	--		2.25
1,1-Dichloroethane	ND	0.045	--	ND	0.182	--		2.25
Methyl tert butyl ether	ND	0.450	--	ND	1.62	--		2.25
2-Butanone	77.1	1.12	--	227	3.30	--		2.25
cis-1,2-Dichloroethene	ND	0.045	--	ND	0.178	--		2.25

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-07 D
Client ID: SV-07
Sample Location: VICTOR NY

Date Collected: 09/27/24 14:10
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	1.12	--	ND	4.04	--		2.25
Chloroform	0.115	0.045	--	0.562	0.220	--		2.25
Tetrahydrofuran	ND	1.12	--	ND	3.30	--		2.25
1,2-Dichloroethane	ND	0.045	--	ND	0.182	--		2.25
n-Hexane	ND	0.450	--	ND	1.59	--		2.25
1,1,1-Trichloroethane	1.58	0.045	--	8.62	0.246	--		2.25
Benzene	0.569	0.225	--	1.82	0.719	--		2.25
Carbon tetrachloride	ND	0.045	--	ND	0.283	--		2.25
Cyclohexane	ND	0.450	--	ND	1.55	--		2.25
1,2-Dichloropropane	ND	0.045	--	ND	0.208	--		2.25
Bromodichloromethane	ND	0.045	--	ND	0.301	--		2.25
1,4-Dioxane	ND	0.225	--	ND	0.811	--		2.25
Trichloroethene	ND	0.045	--	ND	0.242	--		2.25
2,2,4-Trimethylpentane	ND	0.450	--	ND	2.10	--		2.25
Heptane	ND	0.450	--	ND	1.84	--		2.25
cis-1,3-Dichloropropene	ND	0.045	--	ND	0.204	--		2.25
4-Methyl-2-pentanone	ND	1.12	--	ND	4.59	--		2.25
trans-1,3-Dichloropropene	ND	0.045	--	ND	0.204	--		2.25
1,1,2-Trichloroethane	ND	0.045	--	ND	0.246	--		2.25
Toluene	0.778	0.225	--	2.93	0.848	--		2.25
2-Hexanone	6.79	0.450	--	27.8	1.84	--		2.25
Dibromochloromethane	ND	0.045	--	ND	0.383	--		2.25
1,2-Dibromoethane	ND	0.045	--	ND	0.346	--		2.25
Tetrachloroethene	ND	0.045	--	ND	0.305	--		2.25
Chlorobenzene	ND	0.225	--	ND	1.04	--		2.25
Ethylbenzene	0.137	0.045	--	0.595	0.195	--		2.25

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-07 D
Client ID: SV-07
Sample Location: VICTOR NY

Date Collected: 09/27/24 14:10
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.308	0.090	--	1.34	0.391	--		2.25
Bromoform	ND	0.045	--	ND	0.465	--		2.25
Styrene	0.092	0.045	--	0.393	0.192	--		2.25
1,1,2,2-Tetrachloroethane	ND	0.045	--	ND	0.309	--		2.25
o-Xylene	0.162	0.045	--	0.704	0.195	--		2.25
4-Ethyltoluene	ND	0.045	--	ND	0.221	--		2.25
1,3,5-Trimethybenzene	ND	0.045	--	ND	0.221	--		2.25
1,2,4-Trimethylbenzene	ND	0.045	--	ND	0.221	--		2.25
Benzyl chloride	ND	0.225	--	ND	1.17	--		2.25
1,3-Dichlorobenzene	ND	0.045	--	ND	0.271	--		2.25
1,4-Dichlorobenzene	ND	0.045	--	ND	0.271	--		2.25
1,2-Dichlorobenzene	ND	0.045	--	ND	0.271	--		2.25
1,2,4-Trichlorobenzene	ND	0.112	--	ND	0.831	--		2.25
Naphthalene	ND	0.112	--	ND	0.587	--		2.25
Hexachlorobutadiene	ND	0.112	--	ND	1.19	--		2.25

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	104		60-140
bromochloromethane	107		60-140
chlorobenzene-d5	114		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-08 D
Client ID: SV-08
Sample Location: VICTOR NY

Date Collected: 09/27/24 12:15
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 19:52
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.333	0.210	--	1.65	1.04	--		1.051
Chloromethane	ND	0.210	--	ND	0.434	--		1.051
Freon-114	ND	0.053	--	ND	0.367	--		1.051
Vinyl chloride	ND	0.021	--	ND	0.054	--		1.051
1,3-Butadiene	ND	0.021	--	ND	0.047	--		1.051
Bromomethane	ND	0.021	--	ND	0.082	--		1.051
Chloroethane	ND	0.105	--	ND	0.277	--		1.051
Ethanol	6.65	5.25	--	12.5	9.89	--		1.051
Vinyl bromide	ND	0.210	--	ND	0.918	--		1.051
Acetone	18.4	1.05	--	43.7	2.49	--		1.051
Trichlorofluoromethane	0.282	0.053	--	1.58	0.295	--		1.051
Isopropanol	ND	0.525	--	ND	1.29	--		1.051
1,1-Dichloroethene	ND	0.021	--	ND	0.083	--		1.051
Tertiary butyl Alcohol	37.3	0.525	--	113	1.59	--		1.051
Methylene chloride	ND	0.525	--	ND	1.82	--		1.051
3-Chloropropene	ND	0.210	--	ND	0.657	--		1.051
Carbon disulfide	ND	0.210	--	ND	0.654	--		1.051
Freon-113	0.123	0.053	--	0.943	0.402	--		1.051
trans-1,2-Dichloroethene	ND	0.021	--	ND	0.083	--		1.051
1,1-Dichloroethane	ND	0.021	--	ND	0.085	--		1.051
Methyl tert butyl ether	ND	0.210	--	ND	0.757	--		1.051
2-Butanone	25.9	0.525	--	76.4	1.55	--		1.051
cis-1,2-Dichloroethene	ND	0.021	--	ND	0.083	--		1.051

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-08 D
Client ID: SV-08
Sample Location: VICTOR NY

Date Collected: 09/27/24 12:15
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.525	--	ND	1.89	--		1.051
Chloroform	0.897	0.021	--	4.38	0.103	--		1.051
Tetrahydrofuran	ND	0.525	--	ND	1.55	--		1.051
1,2-Dichloroethane	ND	0.021	--	ND	0.085	--		1.051
n-Hexane	ND	0.210	--	ND	0.740	--		1.051
1,1,1-Trichloroethane	6.23	0.021	--	34.0	0.115	--		1.051
Benzene	ND	0.105	--	ND	0.335	--		1.051
Carbon tetrachloride	ND	0.021	--	ND	0.132	--		1.051
Cyclohexane	ND	0.210	--	ND	0.723	--		1.051
1,2-Dichloropropane	ND	0.021	--	ND	0.097	--		1.051
Bromodichloromethane	ND	0.021	--	ND	0.141	--		1.051
1,4-Dioxane	ND	0.105	--	ND	0.378	--		1.051
Trichloroethene	ND	0.021	--	ND	0.113	--		1.051
2,2,4-Trimethylpentane	ND	0.210	--	ND	0.981	--		1.051
Heptane	ND	0.210	--	ND	0.861	--		1.051
cis-1,3-Dichloropropene	ND	0.021	--	ND	0.095	--		1.051
4-Methyl-2-pentanone	ND	0.525	--	ND	2.15	--		1.051
trans-1,3-Dichloropropene	ND	0.021	--	ND	0.095	--		1.051
1,1,2-Trichloroethane	ND	0.021	--	ND	0.115	--		1.051
Toluene	ND	0.105	--	ND	0.396	--		1.051
2-Hexanone	1.03	0.210	--	4.22	0.861	--		1.051
Dibromochloromethane	ND	0.021	--	ND	0.179	--		1.051
1,2-Dibromoethane	ND	0.021	--	ND	0.161	--		1.051
Tetrachloroethene	0.040	0.021	--	0.271	0.142	--		1.051
Chlorobenzene	ND	0.105	--	ND	0.484	--		1.051
Ethylbenzene	ND	0.021	--	ND	0.091	--		1.051

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-08 D
Client ID: SV-08
Sample Location: VICTOR NY

Date Collected: 09/27/24 12:15
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.042	0.042	--	0.182	0.182	--		1.051
Bromoform	ND	0.021	--	ND	0.217	--		1.051
Styrene	ND	0.021	--	ND	0.089	--		1.051
1,1,2,2-Tetrachloroethane	0.022	0.021	--	0.151	0.144	--		1.051
o-Xylene	ND	0.021	--	ND	0.091	--		1.051
4-Ethyltoluene	ND	0.021	--	ND	0.103	--		1.051
1,3,5-Trimethybenzene	0.045	0.021	--	0.222	0.103	--		1.051
1,2,4-Trimethylbenzene	0.032	0.021	--	0.155	0.103	--		1.051
Benzyl chloride	ND	0.105	--	ND	0.544	--		1.051
1,3-Dichlorobenzene	ND	0.021	--	ND	0.126	--		1.051
1,4-Dichlorobenzene	ND	0.021	--	ND	0.126	--		1.051
1,2-Dichlorobenzene	ND	0.021	--	ND	0.126	--		1.051
1,2,4-Trichlorobenzene	ND	0.053	--	ND	0.390	--		1.051
Naphthalene	ND	0.053	--	ND	0.275	--		1.051
Hexachlorobutadiene	ND	0.053	--	ND	0.560	--		1.051

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	106		60-140
bromochloromethane	109		60-140
chlorobenzene-d5	116		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-10
Client ID: SV-10
Sample Location: VICTOR NY

Date Collected: 09/27/24 14:25
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 21:23
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.325	0.200	--	1.61	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.70	1.00	--	13.5	2.38	--		1
Trichlorofluoromethane	0.271	0.050	--	1.52	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	0.058	0.020	--	0.230	0.079	--		1
Tertiary butyl Alcohol	1.83	0.500	--	5.55	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.356	0.200	--	1.11	0.623	--		1
Freon-113	0.222	0.050	--	1.70	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	19.0	0.500	--	56.0	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-10
Client ID: SV-10
Sample Location: VICTOR NY

Date Collected: 09/27/24 14:25
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	30.1	0.020	--	164	0.109	--		1
Benzene	0.291	0.100	--	0.930	0.319	--		1
Carbon tetrachloride	0.020	0.020	--	0.126	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	0.376	0.020	--	2.02	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.627	0.100	--	2.36	0.377	--		1
2-Hexanone	0.998	0.200	--	4.09	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.339	0.020	--	2.30	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.129	0.020	--	0.560	0.087	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-10
Client ID: SV-10
Sample Location: VICTOR NY

Date Collected: 09/27/24 14:25
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.642	0.040	--	2.79	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.036	0.020	--	0.153	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.183	0.020	--	0.795	0.087	--		1
4-Ethyltoluene	0.097	0.020	--	0.477	0.098	--		1
1,3,5-Trimethybenzene	0.144	0.020	--	0.708	0.098	--		1
1,2,4-Trimethylbenzene	0.578	0.020	--	2.84	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	0.188	0.050	--	0.986	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	102		60-140
bromochloromethane	106		60-140
chlorobenzene-d5	114		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-11
Client ID: SV-11
Sample Location: VICTOR NY

Date Collected: 09/27/24 14:30
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 21:55
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.329	0.200	--	1.63	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	51.9	1.00	--	123	2.38	--		1
Trichlorofluoromethane	0.209	0.050	--	1.17	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	0.085	0.020	--	0.337	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	2.06	0.050	--	15.8	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	11.8	0.500	--	34.8	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-11
Client ID: SV-11
Sample Location: VICTOR NY

Date Collected: 09/27/24 14:30
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.071	0.020	--	0.347	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	107	0.020	--	584	0.109	--	E	1
Benzene	0.149	0.100	--	0.476	0.319	--		1
Carbon tetrachloride	0.067	0.020	--	0.421	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	0.189	0.020	--	1.02	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
2-Hexanone	1.42	0.200	--	5.82	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-11
Client ID: SV-11
Sample Location: VICTOR NY

Date Collected: 09/27/24 14:30
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.064	0.040	--	0.278	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.203	0.020	--	0.864	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.027	0.020	--	0.117	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.043	0.020	--	0.211	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	104		60-140
bromochloromethane	108		60-140
chlorobenzene-d5	115		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-11 D
Client ID: SV-11
Sample Location: VICTOR NY

Date Collected: 09/27/24 14:30
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/06/24 22:38
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,1-Trichloroethane	194	0.200	--	1060	1.09	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	89		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-12
Client ID: SV-12
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:45
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 22:27
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.394	0.200	--	1.95	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	10.3	5.00	--	19.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	19.4	1.00	--	46.1	2.38	--		1
Trichlorofluoromethane	0.213	0.050	--	1.20	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	7.14	0.020	--	28.3	0.079	--		1
Tertiary butyl Alcohol	7.18	0.500	--	21.8	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.29	0.200	--	4.02	0.623	--		1
Freon-113	0.604	0.050	--	4.63	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	66.8	0.500	--	197	1.47	--	E	1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-12
Client ID: SV-12
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:45
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.101	0.020	--	0.493	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	0.707	0.200	--	2.49	0.705	--		1
1,1,1-Trichloroethane	43.8	0.020	--	239	0.109	--		1
Benzene	0.148	0.100	--	0.473	0.319	--		1
Carbon tetrachloride	0.123	0.020	--	0.774	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	1.82	0.020	--	9.78	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.208	0.200	--	0.852	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
2-Hexanone	4.14	0.200	--	17.0	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-12
Client ID: SV-12
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:45
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.040	0.040	--	0.174	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	105		60-140
bromochloromethane	108		60-140
chlorobenzene-d5	117		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-12 D
Client ID: SV-12
Sample Location: VICTOR NY

Date Collected: 09/27/24 13:45
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/06/24 23:15
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
2-Butanone	110	5.00	--	324	14.7	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-13
Client ID: SV-13
Sample Location: VICTOR NY

Date Collected: 09/27/24 12:30
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 22:59
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.331	0.200	--	1.64	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	14.0	5.00	--	26.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	17.3	1.00	--	41.1	2.38	--		1
Trichlorofluoromethane	0.208	0.050	--	1.17	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	0.055	0.020	--	0.218	0.079	--		1
Tertiary butyl Alcohol	0.811	0.500	--	2.46	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.090	0.050	--	0.690	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	40.6	0.500	--	120	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-13
Client ID: SV-13
Sample Location: VICTOR NY

Date Collected: 09/27/24 12:30
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.335	0.020	--	1.64	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	0.538	0.200	--	1.90	0.705	--		1
1,1,1-Trichloroethane	11.2	0.020	--	61.1	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.031	0.020	--	0.195	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	7.92	0.020	--	42.6	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.319	0.200	--	1.31	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.100	0.100	--	0.377	0.377	--		1
2-Hexanone	4.75	0.200	--	19.5	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.029	0.020	--	0.197	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-13
Client ID: SV-13
Sample Location: VICTOR NY

Date Collected: 09/27/24 12:30
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.056	0.040	--	0.243	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.020	0.020	--	0.085	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.021	0.020	--	0.091	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	104		60-140
bromochloromethane	108		60-140
chlorobenzene-d5	117		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-14
Client ID: DUP0927A
Sample Location: VICTOR NY

Date Collected: 09/27/24 16:10
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 23:33
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.356	0.200	--	1.76	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.63	1.00	--	15.7	2.38	--		1
Trichlorofluoromethane	0.276	0.050	--	1.55	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	0.058	0.020	--	0.230	0.079	--		1
Tertiary butyl Alcohol	2.10	0.500	--	6.37	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.544	0.200	--	1.69	0.623	--		1
Freon-113	0.225	0.050	--	1.72	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	19.3	0.500	--	56.9	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-14
Client ID: DUP0927A
Sample Location: VICTOR NY

Date Collected: 09/27/24 16:10
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	30.7	0.020	--	168	0.109	--		1
Benzene	0.318	0.100	--	1.02	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	0.370	0.020	--	1.99	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.921	0.100	--	3.47	0.377	--		1
2-Hexanone	1.11	0.200	--	4.55	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.050	0.020	--	0.339	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.196	0.020	--	0.851	0.087	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

SAMPLE RESULTS

Lab ID: L2456385-14
Client ID: DUP0927A
Sample Location: VICTOR NY

Date Collected: 09/27/24 16:10
Date Received: 09/30/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.923	0.040	--	4.01	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.072	0.020	--	0.307	0.085	--		1
1,1,2,2-Tetrachloroethane	0.024	0.020	--	0.165	0.137	--		1
o-Xylene	0.277	0.020	--	1.20	0.087	--		1
4-Ethyltoluene	0.122	0.020	--	0.600	0.098	--		1
1,3,5-Trimethybenzene	0.170	0.020	--	0.836	0.098	--		1
1,2,4-Trimethylbenzene	0.667	0.020	--	3.28	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	0.174	0.050	--	0.912	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	105		60-140
bromochloromethane	108		60-140
chlorobenzene-d5	117		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 14:12

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-05,07-08,10-14 Batch: WG1980544-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1

Project Name: DLS/MODOCK RD SPRINGS **Lab Number:** L2456385

Project Number: 24-052B **Report Date:** 10/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 14:12

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-05,07-08,10-14 Batch: WG1980544-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/05/24 14:12

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-05,07-08,10-14 Batch: WG1980544-4								
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/06/24 17:33

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 11-12 Batch: WG1980712-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1

Project Name: DLS/MODOCK RD SPRINGS **Lab Number:** L2456385

Project Number: 24-052B **Report Date:** 10/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/06/24 17:33

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 11-12 Batch: WG1980712-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/06/24 17:33

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 11-12 Batch: WG1980712-4								
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: DLS/MODOCK RD SPRINGS

Project Number: 24-052B

Lab Number: L2456385

Report Date: 10/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-05,07-08,10-14 Batch: WG1980544-3								
Dichlorodifluoromethane	89		-		70-130	-		25
Chloromethane	89		-		70-130	-		25
Freon-114	104		-		70-130	-		25
Vinyl chloride	80		-		70-130	-		25
1,3-Butadiene	97		-		70-130	-		25
Bromomethane	85		-		70-130	-		25
Chloroethane	77		-		70-130	-		25
Ethanol	91		-		40-160	-		25
Vinyl bromide	91		-		70-130	-		25
Acetone	85		-		40-160	-		25
Trichlorofluoromethane	81		-		70-130	-		25
Isopropanol	78		-		40-160	-		25
1,1-Dichloroethene	87		-		70-130	-		25
Tertiary butyl Alcohol[1]	88		-		70-130	-		25
Methylene chloride	109		-		70-130	-		25
3-Chloropropene	84		-		70-130	-		25
Carbon disulfide	104		-		70-130	-		25
Freon-113	105		-		70-130	-		25
trans-1,2-Dichloroethene	83		-		70-130	-		25
1,1-Dichloroethane	88		-		70-130	-		25
Methyl tert butyl ether	98		-		70-130	-		25
2-Butanone	81		-		70-130	-		25
cis-1,2-Dichloroethene	86		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B

Lab Number: L2456385
Report Date: 10/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-05,07-08,10-14 Batch: WG1980544-3								
Ethyl Acetate	97		-		70-130	-		25
Chloroform	97		-		70-130	-		25
Tetrahydrofuran	80		-		70-130	-		25
1,2-Dichloroethane	76		-		70-130	-		25
n-Hexane	102		-		70-130	-		25
1,1,1-Trichloroethane	99		-		70-130	-		25
Benzene	108		-		70-130	-		25
Carbon tetrachloride	101		-		70-130	-		25
Cyclohexane	108		-		70-130	-		25
1,2-Dichloropropane	93		-		70-130	-		25
Bromodichloromethane	105		-		70-130	-		25
1,4-Dioxane	100		-		70-130	-		25
Trichloroethene	105		-		70-130	-		25
2,2,4-Trimethylpentane	105		-		70-130	-		25
Heptane	92		-		70-130	-		25
cis-1,3-Dichloropropene	112		-		70-130	-		25
4-Methyl-2-pentanone	90		-		70-130	-		25
trans-1,3-Dichloropropene	112		-		70-130	-		25
1,1,2-Trichloroethane	102		-		70-130	-		25
Toluene	100		-		70-130	-		25
2-Hexanone	92		-		70-130	-		25
Dibromochloromethane	111		-		70-130	-		25
1,2-Dibromoethane	112		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B

Lab Number: L2456385
Report Date: 10/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-05,07-08,10-14 Batch: WG1980544-3								
Tetrachloroethene	102		-		70-130	-		25
Chlorobenzene	106		-		70-130	-		25
Ethylbenzene	96		-		70-130	-		25
p/m-Xylene	98		-		70-130	-		25
Bromoform	110		-		70-130	-		25
Styrene	107		-		70-130	-		25
1,1,2,2-Tetrachloroethane	111		-		70-130	-		25
o-Xylene	98		-		70-130	-		25
4-Ethyltoluene	106		-		70-130	-		25
1,3,5-Trimethybenzene	107		-		70-130	-		25
1,2,4-Trimethylbenzene	104		-		70-130	-		25
Benzyl chloride	103		-		70-130	-		25
1,3-Dichlorobenzene	112		-		70-130	-		25
1,4-Dichlorobenzene	105		-		70-130	-		25
1,2-Dichlorobenzene	105		-		70-130	-		25
1,2,4-Trichlorobenzene	99		-		70-130	-		25
Naphthalene	95		-		70-130	-		25
Hexachlorobutadiene	100		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: DLS/MODOCK RD SPRINGS

Project Number: 24-052B

Lab Number: L2456385

Report Date: 10/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 11-12 Batch: WG1980712-3								
Dichlorodifluoromethane	123		-		70-130	-		25
Chloromethane	**136**	Q	-		70-130	-		25
Freon-114	**145**	Q	-		70-130	-		25
Vinyl chloride	**136**	Q	-		70-130	-		25
1,3-Butadiene	129		-		70-130	-		25
Bromomethane	**137**	Q	-		70-130	-		25
Chloroethane	**144**	Q	-		70-130	-		25
Ethanol	130		-		40-160	-		25
Vinyl bromide	126		-		70-130	-		25
Acetone	**256**	Q	-		40-160	-		25
Trichlorofluoromethane	**186**	Q	-		70-130	-		25
Isopropanol	**191**	Q	-		40-160	-		25
1,1-Dichloroethene	123		-		70-130	-		25
Tertiary butyl Alcohol[1]	112		-		70-130	-		25
Methylene chloride	104		-		70-130	-		25
3-Chloropropene	**133**	Q	-		70-130	-		25
Carbon disulfide	91		-		70-130	-		25
Freon-113	116		-		70-130	-		25
trans-1,2-Dichloroethene	110		-		70-130	-		25
1,1-Dichloroethane	117		-		70-130	-		25
Methyl tert butyl ether	99		-		70-130	-		25
2-Butanone	118		-		70-130	-		25
cis-1,2-Dichloroethene	118		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: DLS/MODOCK RD SPRINGS

Project Number: 24-052B

Lab Number: L2456385

Report Date: 10/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 11-12 Batch: WG1980712-3								
Ethyl Acetate	113		-		70-130	-		25
Chloroform	108		-		70-130	-		25
Tetrahydrofuran	114		-		70-130	-		25
1,2-Dichloroethane	**141**	Q	-		70-130	-		25
n-Hexane	102		-		70-130	-		25
1,1,1-Trichloroethane	126		-		70-130	-		25
Benzene	94		-		70-130	-		25
Carbon tetrachloride	125		-		70-130	-		25
Cyclohexane	93		-		70-130	-		25
1,2-Dichloropropane	110		-		70-130	-		25
Bromodichloromethane	109		-		70-130	-		25
1,4-Dioxane	103		-		70-130	-		25
Trichloroethene	100		-		70-130	-		25
2,2,4-Trimethylpentane	103		-		70-130	-		25
Heptane	119		-		70-130	-		25
cis-1,3-Dichloropropene	112		-		70-130	-		25
4-Methyl-2-pentanone	128		-		70-130	-		25
trans-1,3-Dichloropropene	119		-		70-130	-		25
1,1,2-Trichloroethane	109		-		70-130	-		25
Toluene	95		-		70-130	-		25
2-Hexanone	120		-		70-130	-		25
Dibromochloromethane	105		-		70-130	-		25
1,2-Dibromoethane	92		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: DLS/MODOCK RD SPRINGS

Project Number: 24-052B

Lab Number: L2456385

Report Date: 10/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 11-12 Batch: WG1980712-3								
Tetrachloroethene	85		-		70-130	-		25
Chlorobenzene	84		-		70-130	-		25
Ethylbenzene	91		-		70-130	-		25
p/m-Xylene	95		-		70-130	-		25
Bromoform	101		-		70-130	-		25
Styrene	89		-		70-130	-		25
1,1,2,2-Tetrachloroethane	92		-		70-130	-		25
o-Xylene	97		-		70-130	-		25
4-Ethyltoluene	87		-		70-130	-		25
1,3,5-Trimethybenzene	95		-		70-130	-		25
1,2,4-Trimethylbenzene	87		-		70-130	-		25
Benzyl chloride	102		-		70-130	-		25
1,3-Dichlorobenzene	88		-		70-130	-		25
1,4-Dichlorobenzene	88		-		70-130	-		25
1,2-Dichlorobenzene	84		-		70-130	-		25
1,2,4-Trichlorobenzene	89		-		70-130	-		25
Naphthalene	81		-		70-130	-		25
Hexachlorobutadiene	86		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B

Lab Number: L2456385
Report Date: 10/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-05,07-08,10-14 QC Batch ID: WG1980544-5 QC Sample: L2456385-04 Client ID: SV-04						
Dichlorodifluoromethane	1.53	1.53	ppbV	0		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	13.0	12.6	ppbV	3		25
Trichlorofluoromethane	0.218	0.219	ppbV	0		25
Isopropanol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol[1]	3.18	3.22	ppbV	1		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	0.093	0.092	ppbV	1		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B

Lab Number: L2456385
Report Date: 10/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-05,07-08,10-14 QC Batch ID: WG1980544-5 QC Sample: L2456385-04 Client ID: SV-04						
2-Butanone	36.9	36.8	ppbV	0		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	ND	0.077	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	2.13	2.13	ppbV	0		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B

Lab Number: L2456385
Report Date: 10/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-05,07-08,10-14 QC Batch ID: WG1980544-5 QC Sample: L2456385-04 Client ID: SV-04						
Toluene	ND	ND	ppbV	NC		25
2-Hexanone	2.94	2.88	ppbV	2		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	0.021	0.022	ppbV	5		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25
p/m-Xylene	ND	ND	ppbV	NC		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	0.053	ppbV	NC		25
o-Xylene	ND	ND	ppbV	NC		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethybenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Naphthalene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B

Lab Number: L2456385
Report Date: 10/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-05,07-08,10-14 QC Batch ID: WG1980544-5 QC Sample: L2456385-04 Client ID: SV-04						
Hexachlorobutadiene	ND	ND	ppbV	NC		25
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 11-12 QC Batch ID: WG1980712-5 QC Sample: L2456385-12 Client ID: SV-12						
2-Butanone	110	111	ppbV	1		25

Project Name: DLS/MODOCK RD SPRINGS

Lab Number: L2456385

Project Number: 24-052B

Report Date: 10/07/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2456385-01	SV-01	0909	Flow 2	09/24/24	485964		-	-	-	Pass	20.0	23.3	15
L2456385-01	SV-01	3375	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.7	-2.3	-	-	-	-
L2456385-02	SV-02	0753	Flow 2	09/24/24	485964		-	-	-	Pass	2.03	24.0	169
L2456385-02	SV-02	3945	6.0L Can	09/24/24	485964	L2452604-02	Pass	-29.8	-3.3	-	-	-	-
L2456385-03	SV-03	01830	Flow 2	09/24/24	485964		-	-	-	Pass	20.0	21.9	9
L2456385-03	SV-03	4262	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.7	-8.0	-	-	-	-
L2456385-04	SV-04	02167	Flow 2	09/24/24	485964		-	-	-	Pass	20.1	21.1	5
L2456385-04	SV-04	3657	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.8	-6.5	-	-	-	-
L2456385-05	SV-05R	0261	Flow 2	09/24/24	485964		-	-	-	Pass	20.0	23.3	15
L2456385-05	SV-05R	3073	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.9	-3.0	-	-	-	-
L2456385-06	SV-06	01085	Flow 2	09/24/24	485964		-	-	-	Pass	20.1	20.8	3
L2456385-06	SV-06	1899	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.7	-29.1	-	-	-	-
L2456385-07	SV-07	01561	Flow 2	09/24/24	485964		-	-	-	Pass	20.0	13.7	37
L2456385-07	SV-07	2935	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.7	-21.0	-	-	-	-
L2456385-08	SV-08	01820	Flow 3	09/24/24	485964		-	-	-	Pass	20.1	20.0	0

Project Name: DLS/MODOCK RD SPRINGS

Lab Number: L2456385

Project Number: 24-052B

Report Date: 10/07/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2456385-08	SV-08	2948	6.0L Can	09/24/24	485964	L2453453-04	Pass	-29.8	-10.2	-	-	-	-
L2456385-09	SV-09R	02478	Flow 3	09/24/24	485964		-	-	-	Pass	19.9	20.5	3
L2456385-09	SV-09R	760	6.0L Can	09/24/24	485964	L2452604-02	Pass	-29.9	-30.0	-	-	-	-
L2456385-10	SV-10	0263	Flow 2	09/24/24	485964		-	-	-	Pass	20.1	22.5	11
L2456385-10	SV-10	3273	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.8	-3.3	-	-	-	-
L2456385-11	SV-11	0732	Flow 2	09/24/24	485964		-	-	-	Pass	20.0	20.6	3
L2456385-11	SV-11	4305	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.7	-6.0	-	-	-	-
L2456385-12	SV-12	01541	Flow 3	09/24/24	485964		-	-	-	Pass	20.1	20.5	2
L2456385-12	SV-12	3614	6.0L Can	09/24/24	485964	L2452604-02	Pass	-29.9	-3.0	-	-	-	-
L2456385-13	SV-13	01400	Flow 3	09/24/24	485964		-	-	-	Pass	20.2	20.3	0
L2456385-13	SV-13	3372	6.0L Can	09/24/24	485964	L2452604-02	Pass	-29.9	-6.3	-	-	-	-
L2456385-14	DUP0927A	0647	Flow 2	09/24/24	485964		-	-	-	Pass	20.0	21.0	5
L2456385-14	DUP0927A	2062	6.0L Can	09/24/24	485964	L2452604-02	Pass	-30.0	-8.8	-	-	-	-
L2456385-15	UNUSED CAN #1897	02125	Flow 2	09/24/24	485964		-	-	-	Pass	20.1	23.4	15
L2456385-15	UNUSED CAN #1897	1897	6.0L Can	09/24/24	485964	L2452604-03	Pass	-30.0	-29.6	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-02
Client ID: CAN 3491 SHELF 61
Sample Location:

Date Collected: 09/12/24 14:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/16/24 19:03
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-02
Client ID: CAN 3491 SHELF 61
Sample Location:

Date Collected: 09/12/24 14:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-02
Client ID: CAN 3491 SHELF 61
Sample Location:

Date Collected: 09/12/24 14:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-02
Client ID: CAN 3491 SHELF 61
Sample Location:

Date Collected: 09/12/24 14:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-02
Client ID: CAN 3491 SHELF 61
Sample Location:

Date Collected: 09/12/24 14:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	86		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-02
Client ID: CAN 3491 SHELF 61
Sample Location:

Date Collected: 09/12/24 14:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/17/24 21:12
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	96		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-02
Client ID: CAN 3491 SHELF 61
Sample Location:

Date Collected: 09/12/24 14:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/16/24 19:03
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-02
Client ID: CAN 3491 SHELF 61
Sample Location:

Date Collected: 09/12/24 14:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-02
Client ID: CAN 3491 SHELF 61
Sample Location:

Date Collected: 09/12/24 14:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	86		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2452604

Project Number: CANISTER QC BAT **Report Date:** 10/07/24

Air Canister Certification Results

Lab ID: L2452604-02
Client ID: CAN 3491 SHELF 61
Sample Location:

Date Collected: 09/12/24 14:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/17/24 21:12
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	99		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-03
Client ID: CAN 745 SHELF 62
Sample Location:

Date Collected: 09/13/24 08:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/16/24 19:42
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2452604

Project Number: CANISTER QC BAT **Report Date:** 10/07/24

Air Canister Certification Results

Lab ID: L2452604-03
Client ID: CAN 745 SHELF 62
Sample Location:

Date Collected: 09/13/24 08:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-03
Client ID: CAN 745 SHELF 62
Sample Location:

Date Collected: 09/13/24 08:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-03
Client ID: CAN 745 SHELF 62
Sample Location:

Date Collected: 09/13/24 08:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-03
Client ID: CAN 745 SHELF 62
Sample Location:

Date Collected: 09/13/24 08:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	83		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-03
Client ID: CAN 745 SHELF 62
Sample Location:

Date Collected: 09/13/24 08:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/17/24 21:52
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	96		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-03
Client ID: CAN 745 SHELF 62
Sample Location:

Date Collected: 09/13/24 08:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/16/24 19:42
Analyst: BJB

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2452604
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2452604-03
Client ID: CAN 745 SHELF 62
Sample Location:

Date Collected: 09/13/24 08:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2452604

Project Number: CANISTER QC BAT **Report Date:** 10/07/24

Air Canister Certification Results

Lab ID: L2452604-03
Client ID: CAN 745 SHELF 62
Sample Location:

Date Collected: 09/13/24 08:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	85		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	83		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2452604

Project Number: CANISTER QC BAT **Report Date:** 10/07/24

Air Canister Certification Results

Lab ID: L2452604-03
Client ID: CAN 745 SHELF 62
Sample Location:

Date Collected: 09/13/24 08:00
Date Received: 09/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/17/24 21:52
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Acrylonitrile	ND	0.500	--	ND	1.09	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	99		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2453453
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2453453-04
Client ID: CAN 1587 SHELF 37
Sample Location:

Date Collected: 09/17/24 14:00
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/18/24 18:58
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2453453
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2453453-04
Client ID: CAN 1587 SHELF 37
Sample Location:

Date Collected: 09/17/24 14:00
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2453453
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2453453-04
Client ID: CAN 1587 SHELF 37
Sample Location:

Date Collected: 09/17/24 14:00
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2453453
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2453453-04
Client ID: CAN 1587 SHELF 37
Sample Location:

Date Collected: 09/17/24 14:00
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2453453
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2453453-04
Client ID: CAN 1587 SHELF 37
Sample Location:

Date Collected: 09/17/24 14:00
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2453453
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2453453-04
Client ID: CAN 1587 SHELF 37
Sample Location:

Date Collected: 09/17/24 14:00
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/18/24 18:58
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2453453
Report Date: 10/07/24

Air Canister Certification Results

Lab ID: L2453453-04
Client ID: CAN 1587 SHELF 37
Sample Location:

Date Collected: 09/17/24 14:00
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2453453

Project Number: CANISTER QC BAT **Report Date:** 10/07/24

Air Canister Certification Results

Lab ID: L2453453-04
Client ID: CAN 1587 SHELF 37
Sample Location:

Date Collected: 09/17/24 14:00
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B

Lab Number: L2456385
Report Date: 10/07/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2456385-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2456385-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2456385-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2456385-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2456385-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2456385-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		CANCELLED()
L2456385-07A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2456385-08A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2456385-09A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		CANCELLED()
L2456385-10A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2456385-11A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2456385-12A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2456385-13A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2456385-14A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2456385-15A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	DLS/MODOCK RD SPRINGS	**Lab Number:**	L2456385
Project Number:	24-052B	**Report Date:**	10/07/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	DLS/MODOCK RD SPRINGS	**Lab Number:**	L2456385
Project Number:	24-052B	**Report Date:**	10/07/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	DLS/MODOCK RD SPRINGS	**Lab Number:**	L2456385
Project Number:	24-052B	**Report Date:**	10/07/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B
Lab Number: L2456385
Report Date: 10/07/24

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE 1 OF 2

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/1/24

ALPHA Job #: L2456385

Client Information

Client: Marks Engineering
Address: 4303 Route 5 & 20
Canandaigua NY 14424
Phone: 585-500-8392
Fax:
Email: JWolf@marksengineering.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: DLS/Modock Rd Springs
Project Location: Victor NY
Project #: 24-052 B
Project Manager: Jeremy Wolf
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☒ Additional Deliverables: EDD NYS & CAT B
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 24-052B

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum HCs	Fixed Gases ☐	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
56385-01	SV-01	9/27/24	0930	1330	-29.44	-1.82	SV	JW	6L	3375	0909	X					
02	SV-02	9/27/24	0900	1300	-29.72	-2.27	SV	JW	6L	3945	0753	X					
03	SV-03	9/27/24	0910	1310	-29.74	-7.15	SV	JW	6L	4262	01830	X					
04	SV-04	9/27/24	0950	1400	-29.43	-5.47	SV	JW	6L	3657	02167	X					
05	SV-05R	9/27/24	0920	1320	-29.53	-1.53	SV	JW	6L	3073	0261	X					
06	SV-06	9/27/24	1000	1405	-29.57	-28.43	SV	JW	6L	1899	01085						Do Not Analyze
07	SV-07	9/27/24	0940	1410	-30.00	-20.64	SV	JW	6L	2935	01561	X					
08	SV-08	9/27/24	0815	1215	-29.44	-9.00	SV	JW	6L	2948	01820	X					
09	SV-09R	9/27/24	0805	1240	-29.45	-29.43	SV	JW	6L	760	02478						Do Not Analyze
10	SV-10	9/27/24	1015	1425	-29.38	-2.74	SV	JW	6L	3273	0263	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Russell B Bixby	9/30/24 1425	PACE	9/30/24 10:53
	9/30/24 1822	S.C.	9/30/24 14:25
	0030	PACE	10/1/24 0555

Form No: 101-02 Rev: (25-Sep-15)

AIR ANALYSIS

PAGE 2 OF 2

ALPHA ANALYTICAL

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #:

Client Information

Client: Marks Engineering
Address: 4303 Route 5 & 20
Canandaigua NY 14424
Phone: 585-500-8392
Fax:
Email: JWolf@MarksEngineering.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: DLS / Modock Rd Springs
Project Location: Victor, NY
Project #: 24-052B
Project Manager: Jeremy Wolf
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☒ Additional Deliverables: NYS EDD & CAT B Deliverable
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 24-052B

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH ☐ Subtract Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15		Sample Comments (i.e. PID)
11	SV-11	9/27/24	1030	1430	-29.50	-5.07	SV	JW	6L	4305	0732	X						
12	SV-12	9/27/24	0845	1345	-29.79	-1.30	SV	JW	6L	3614	01541	X						
13	SV-13	9/27/24	0830	1230	-29.50	-4.87	SV	JW	6L	3372	01400	X						
14	Dup 0927A	9/27/24	1200	1610	-29.42	-8.00	SV	JW	6L	2062	0647	X						

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
		Jeff Mapel PACE	9/30/24 10:53
Jeff Mapel PACE	9/30/24 1425	Jeff Mapel ROCH. C.	9/30/24 14:25
Russell B. Bishop	9-30-24 1822		
	10/1/24 0030	Rob Mendoza PACE	10/1/24 0530

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Rob Mendoza PACE 10/1/24 0530 ... 10/1/24 0700

Form No: 101-02 Rev: (25-Sep-15)

MarksEngineering

Exhibit B

Laboratory Reports

(Full Category B Packages)

(Provided Electronically)

Table of Contents

Table of Contents

Exhibit C
Data Usability Summary Report
(DUSR)

DATA USABILITY SUMMARY REPORT (DUSR)

Site: Modock Road Springs/DLS
Victor, NY
Project #: 24-052B

SDGs: L2456385
12 Air Samples

Prepared for:

Marks Engineering
4303 Routes 5 & 20
Canandaigua, NY 14424
Attention: Jeremy Wolf

October 2024

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

Table of Contents

Tables

REVIEWER'S NARRATIVE
SDG L2456385 Marks Engineering Modock Road Springs/DLS

The data associated with this Sample Delivery Group (SDG), analyzed by Alpha Analytical Westborough, MA have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 10/15/2024

Michael K. Perry
Chemist

1.0 SUMMARY

SITE:	Modock Road Springs/DLS Victor, NY Project No. 24-052B
SAMPLING DATE:	September 27, 2024
SAMPLE TYPE:	12 air samples
LABORATORY:	Alpha Analytical Westborough, MA
SDG No.:	L2456385

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for twelve air samples collected on September 27, 2024. These samples were analyzed for TO-15-SIM Volatile Organic Compounds.

All laboratory analyses were performed by ALPHA Analytical, Westborough, MA and analyzed as SDG L2456385. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validatioin Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
Blanks	Instrument Calibration
Lab Control Sample	
Field Duplicate	

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Table 6-1. The table lists the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG L2456385, twelve samples were analyzed and results were reported for 780 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have been rejected and the associated QC reasons.

Note 1): Samples SV-06 and SV-09R were not analyzed.

Table 6-1 TO-15-SIM

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	Acetone Benzyl chloride	J Detects UJ Non-detecs	ICV % D > 30 %	Data are estimated
SV-10 DUP0927A	Tetrachloroethene Styrene	J detects	Field Dup % D > 50 %	Data are estimated

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

www.alphalab.com

Alpha Analytical

Laboratory Code: 11148

SDG Number: L2456385

Project Name: DLS/MODOCK RD SPRINGS
Project Number: 24-052B

Lab Number: L2456385
Report Date: 10/07/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2456385-01	SV-01	SOIL_VAPOR	VICTOR NY	09/27/24 13:30	09/30/24
L2456385-02	SV-02	SOIL_VAPOR	VICTOR NY	09/27/24 13:00	09/30/24
L2456385-03	SV-03	SOIL_VAPOR	VICTOR NY	09/27/24 13:10	09/30/24
L2456385-04	SV-04	SOIL_VAPOR	VICTOR NY	09/27/24 14:00	09/30/24
L2456385-05	SV-05R	SOIL_VAPOR	VICTOR NY	09/27/24 13:20	09/30/24
L2456385-06	SV-06	SOIL_VAPOR	VICTOR NY	09/27/24 14:05	09/30/24
L2456385-07	SV-07	SOIL_VAPOR	VICTOR NY	09/27/24 14:10	09/30/24
L2456385-08	SV-08	SOIL_VAPOR	VICTOR NY	09/27/24 12:15	09/30/24
L2456385-09	SV-09R	SOIL_VAPOR	VICTOR NY	09/27/24 12:40	09/30/24
L2456385-10	SV-10	SOIL_VAPOR	VICTOR NY	09/27/24 14:25	09/30/24
L2456385-11	SV-11	SOIL_VAPOR	VICTOR NY	09/27/24 14:30	09/30/24
L2456385-12	SV-12	SOIL_VAPOR	VICTOR NY	09/27/24 13:45	09/30/24
L2456385-13	SV-13	SOIL_VAPOR	VICTOR NY	09/27/24 12:30	09/30/24
L2456385-14	DUP0927A	SOIL_VAPOR	VICTOR NY	09/27/24 16:10	09/30/24
L2456385-15	UNUSED CAN #1897	SOIL_VAPOR	VICTOR NY		09/30/24

Case Narrative (continued)

Volatile Organics in Air
Canisters were released from the laboratory on September 24, 2024. The canister certification data is provided as an addendum.

L2456385-07D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2456385-08D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2456385-11D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2456385-11: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2456385-12D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2456385-12: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

Case Narrative (continued)

Sample Receipt

L2456385-06, and -09 failed to collect an adequate volume of sample for analysis, these samples were cancelled.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J Anderson Report Date: 10/07/24

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

AIR ANALYSIS

PAGE 1 OF 2

ALPHA ANALYTICAL **CHAIN OF CUSTODY**

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/1/24

ALPHA Job #: L2456385

Client Information

Client: Marks Engineering
Address: 4303 Route 5 & 20
Canandaigua NY 14424
Phone: 585-500-8392
Fax:
Email: JWolf@marksengineering.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: DLS/Modock Rd Springs
Project Location: Victor NY
Project #: 24-052 B
Project Manager: Jeremy Wolf
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☒ Additional Deliverables: EDD NYS & CAT B
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 24-052B

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM APH Subset Non-petroleum HCs	Fixed Gases ☐	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
56385-01	SV-01	9/27/24	0930	1330	-29.44	-1.82	SV	JW	6L	3375	0909	X				
02	SV-02	9/27/24	0900	1300	-29.72	-2.27	SV	JW	6L	3945	0753	X				
03	SV-03	9/27/24	0910	1310	-29.74	-7.15	SV	JW	6L	4262	01830	X				
04	SV-04	9/27/24	0950	1400	-29.43	-5.47	SV	JW	6L	3657	02167	X				
05	SV-05R	9/27/24	0920	1320	-29.53	-1.53	SV	JW	6L	3073	0261	X				
06	SV-06	9/27/24	1000	1405	-29.57	-28.43	SV	JW	6L	1899	01085					Do Not Analyze
07	SV-07	9/27/24	0940	1410	-30.00	-20.64	SV	JW	6L	2935	01561	X				
08	SV-08	9/27/24	0815	1215	-29.44	-9.00	SV	JW	6L	2948	01820	X				
09	SV-09R	9/27/24	0805	1240	-29.45	-29.43	SV	JW	6L	760	02478					DO Not Analyze
10	SV-10	9/27/24	1015	1425	-29.38	-2.74	SV	JW	6L	3273	0263	X				

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Russell B Bixby	9/30/24 1425	PACE	9/30/24 10:53
	9/30/24 1822	S.C.	9/30/24 14:25
	0030	PACE	10/1/24 0555

AIR ANALYSIS

PAGE 2 OF 2

ALPHA ANALYTICAL

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #:

Client Information

Client: Marks Engineering
Address: 4303 Route 5 & 20
Canandaigua NY 14424
Phone: 585-500-8392
Fax:
Email: JWolf@MarksEngineering.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: DLS / Modock Rd Springs
Project Location: Victor, NY
Project #: 24-052B
Project Manager: Jeremy Wolf
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☒ Additional Deliverables: NYS EDD & CAT B Deliverable
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 24-052B

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15			Sample Comments (i.e. PID)
11	SV-11	9/27/24	1030	1430	-29.50	-5.07	SV	JW	6L	4305	0732		X						
12	SV-12	9/27/24	0845	1345	-29.79	-1.30	SV	JW	6L	3614	01541		X						
13	SV-13	9/27/24	0830	1230	-29.50	-4.87	SV	JW	6L	3372	01400		X						
14	Dup 0927A	9/27/24	1200	1610	-29.42	-8.00	SV	JW	6L	2062	0647		X						

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
		Jeff Mayola PACE	9/30/24 1053
Jeff Mayola PACE	9/30/24 1425	Jeff Mayola ROCH. C.	9/30/24 14:25
Russell B. Bishop	9-30-24 18:22	Rob Mendoza PACE	10/1/24 0530
	10/1/24 0030		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Rob Mendoza PACE 10/1/24 0700

(Sep-15)

Project Name: DLS/MODOCK RD SPRINGS

Project Number: 24-052B

Lab Number: L2456385

Report Date: 10/07/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2456385-01	SV-01	0909	Flow 2	09/24/24	485964		-	-	-	Pass	20.0	23.3	15
L2456385-01	SV-01	3375	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.7	-2.3	-	-	-	-
L2456385-02	SV-02	0753	Flow 2	09/24/24	485964		-	-	-	Pass	2.03	24.0	169
L2456385-02	SV-02	3945	6.0L Can	09/24/24	485964	L2452604-02	Pass	-29.8	-3.3	-	-	-	-
L2456385-03	SV-03	01830	Flow 2	09/24/24	485964		-	-	-	Pass	20.0	21.9	9
L2456385-03	SV-03	4262	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.7	-8.0	-	-	-	-
L2456385-04	SV-04	02167	Flow 2	09/24/24	485964		-	-	-	Pass	20.1	21.1	5
L2456385-04	SV-04	3657	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.8	-6.5	-	-	-	-
L2456385-05	SV-05R	0261	Flow 2	09/24/24	485964		-	-	-	Pass	20.0	23.3	15
L2456385-05	SV-05R	3073	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.9	-3.0	-	-	-	-
L2456385-06	SV-06	01085	Flow 2	09/24/24	485964		-	-	-	Pass	20.1	20.8	3
L2456385-06	SV-06	1899	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.7	-29.1	-	-	-	-
L2456385-07	SV-07	01561	Flow 2	09/24/24	485964		-	-	-	Pass	20.0	13.7	37
L2456385-07	SV-07	2935	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.7	-21.0	-	-	-	-
L2456385-08	SV-08	01820	Flow 3	09/24/24	485964		-	-	-	Pass	20.1	20.0	0

Project Name: DLS/MODOCK RD SPRINGS

Project Number: 24-052B

Lab Number: L2456385

Report Date: 10/07/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2456385-08	SV-08	2948	6.0L Can	09/24/24	485964	L2453453-04	Pass	-29.8	-10.2	-	-	-	-
L2456385-09	SV-09R	02478	Flow 3	09/24/24	485964		-	-	-	Pass	19.9	20.5	3
L2456385-09	SV-09R	760	6.0L Can	09/24/24	485964	L2452604-02	Pass	-29.9	-30.0	-	-	-	-
L2456385-10	SV-10	0263	Flow 2	09/24/24	485964		-	-	-	Pass	20.1	22.5	11
L2456385-10	SV-10	3273	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.8	-3.3	-	-	-	-
L2456385-11	SV-11	0732	Flow 2	09/24/24	485964		-	-	-	Pass	20.0	20.6	3
L2456385-11	SV-11	4305	6.0L Can	09/24/24	485964	L2452604-03	Pass	-29.7	-6.0	-	-	-	-
L2456385-12	SV-12	01541	Flow 3	09/24/24	485964		-	-	-	Pass	20.1	20.5	2
L2456385-12	SV-12	3614	6.0L Can	09/24/24	485964	L2452604-02	Pass	-29.9	-3.0	-	-	-	-
L2456385-13	SV-13	01400	Flow 3	09/24/24	485964		-	-	-	Pass	20.2	20.3	0
L2456385-13	SV-13	3372	6.0L Can	09/24/24	485964	L2452604-02	Pass	-29.9	-6.3	-	-	-	-
L2456385-14	DUP0927A	0647	Flow 2	09/24/24	485964		-	-	-	Pass	20.0	21.0	5
L2456385-14	DUP0927A	2062	6.0L Can	09/24/24	485964	L2452604-02	Pass	-30.0	-8.8	-	-	-	-
L2456385-15	UNUSED CAN #1897	02125	Flow 2	09/24/24	485964		-	-	-	Pass	20.1	23.4	15
L2456385-15	UNUSED CAN #1897	1897	6.0L Can	09/24/24	485964	L2452604-03	Pass	-30.0	-29.6	-	-	-	-

GC/MS VOA
Air Analysis
Selective Ion Monitoring

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-01	Date Collected	: 09/27/24 13:30
Client ID	: SV-01	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 16:04
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227069_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.354	0.200	--	1.75	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.050	--	ND	0.349	--	U
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
106-99-0	1,3-Butadiene	ND	0.020	--	ND	0.044	--	U
74-83-9	Bromomethane	ND	0.020	--	ND	0.078	--	U
75-00-3	Chloroethane	ND	0.100	--	ND	0.264	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	12.2	1.00	--	29.0	2.38	--	J
75-69-4	Trichlorofluoromethane	0.175	0.050	--	0.983	0.281	--	
67-63-0	Isopropanol	ND	0.500	--	ND	1.23	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	0.067	0.050	--	0.514	0.383	--	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-34-3	1,1-Dichloroethane	ND	0.020	--	ND	0.081	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	2.52	0.500	--	7.43	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	0.026	0.020	--	0.127	0.098	--	
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-01	Date Collected	: 09/27/24 13:30
Client ID	: SV-01	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 16:04
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227069_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.020	--	ND	0.081	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	1.14	0.020	--	6.22	0.109	--	
71-43-2	Benzene	0.103	0.100	--	0.329	0.319	--	
56-23-5	Carbon tetrachloride	0.047	0.020	--	0.296	0.126	--	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.020	--	ND	0.092	--	U
75-27-4	Bromodichloromethane	ND	0.020	--	ND	0.134	--	U
123-91-1	1,4-Dioxane	ND	0.100	--	ND	0.360	--	U
79-01-6	Trichloroethene	0.360	0.020	--	1.93	0.107	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--	U
108-88-3	Toluene	0.106	0.100	--	0.399	0.377	--	
591-78-6	2-Hexanone	0.324	0.200	--	1.33	0.820	--	
124-48-1	Dibromochloromethane	ND	0.020	--	ND	0.170	--	U
106-93-4	1,2-Dibromoethane	ND	0.020	--	ND	0.154	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U
108-90-7	Chlorobenzene	ND	0.100	--	ND	0.461	--	U
100-41-4	Ethylbenzene	ND	0.020	--	ND	0.087	--	U
179601-23-1	p/m-Xylene	0.049	0.040	--	0.213	0.174	--	
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U
100-42-5	Styrene	ND	0.020	--	ND	0.085	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-01	Date Collected	: 09/27/24 13:30
Client ID	: SV-01	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 16:04
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227069_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--	U	
95-47-6	o-Xylene	0.020	0.020	--	0.087	0.087	--		
622-96-8	4-Ethyltoluene	ND	0.020	--	ND	0.098	--	U	
108-67-8	1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--	U	
95-63-6	1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--	U	
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
106-46-7	1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
95-50-1	1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--	U	
91-20-3	Naphthalene	ND	0.050	--	ND	0.262	--	U	
87-68-3	Hexachlorobutadiene	ND	0.050	--	ND	0.533	--	U	

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-02	Date Collected	: 09/27/24 13:00
Client ID	: SV-02	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 16:36
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227070_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.325	0.200	--	1.61	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.050	--	ND	0.349	--	U
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
106-99-0	1,3-Butadiene	ND	0.020	--	ND	0.044	--	U
74-83-9	Bromomethane	ND	0.020	--	ND	0.078	--	U
75-00-3	Chloroethane	ND	0.100	--	ND	0.264	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	4.59	1.00	--	10.9	2.38	--	J
75-69-4	Trichlorofluoromethane	0.187	0.050	--	1.05	0.281	--	
67-63-0	Isopropanol	ND	0.500	--	ND	1.23	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-65-0	Tertiary butyl Alcohol	6.51	0.500	--	19.7	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	0.070	0.050	--	0.537	0.383	--	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-34-3	1,1-Dichloroethane	ND	0.020	--	ND	0.081	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	7.89	0.500	--	23.3	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.020	--	ND	0.098	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-02	Date Collected	: 09/27/24 13:00
Client ID	: SV-02	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 16:36
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227070_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.020	--	ND	0.081	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	0.417	0.020	--	2.28	0.109	--	
71-43-2	Benzene	ND	0.100	--	ND	0.319	--	U
56-23-5	Carbon tetrachloride	0.024	0.020	--	0.151	0.126	--	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.020	--	ND	0.092	--	U
75-27-4	Bromodichloromethane	ND	0.020	--	ND	0.134	--	U
123-91-1	1,4-Dioxane	ND	0.100	--	ND	0.360	--	U
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--	U
108-88-3	Toluene	ND	0.100	--	ND	0.377	--	U
591-78-6	2-Hexanone	0.603	0.200	--	2.47	0.820	--	
124-48-1	Dibromochloromethane	ND	0.020	--	ND	0.170	--	U
106-93-4	1,2-Dibromoethane	ND	0.020	--	ND	0.154	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U
108-90-7	Chlorobenzene	ND	0.100	--	ND	0.461	--	U
100-41-4	Ethylbenzene	ND	0.020	--	ND	0.087	--	U
179601-23-1	p/m-Xylene	ND	0.040	--	ND	0.174	--	U
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U
100-42-5	Styrene	ND	0.020	--	ND	0.085	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-02	Date Collected	: 09/27/24 13:00
Client ID	: SV-02	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 16:36
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227070_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--	U	
95-47-6	o-Xylene	ND	0.020	--	ND	0.087	--	U	
622-96-8	4-Ethyltoluene	ND	0.020	--	ND	0.098	--	U	
108-67-8	1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--	U	
95-63-6	1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--	U	
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
106-46-7	1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
95-50-1	1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--	U	
91-20-3	Naphthalene	ND	0.050	--	ND	0.262	--	U	
87-68-3	Hexachlorobutadiene	ND	0.050	--	ND	0.533	--	U	

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-03	Date Collected	: 09/27/24 13:10
Client ID	: SV-03	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 17:08
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227071_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.278	0.200	--	1.37	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.050	--	ND	0.349	--	U
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
106-99-0	1,3-Butadiene	ND	0.020	--	ND	0.044	--	U
74-83-9	Bromomethane	ND	0.020	--	ND	0.078	--	U
75-00-3	Chloroethane	ND	0.100	--	ND	0.264	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	18.9	1.00	--	44.9	2.38	--	J
75-69-4	Trichlorofluoromethane	0.181	0.050	--	1.02	0.281	--	
67-63-0	Isopropanol	ND	0.500	--	ND	1.23	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	1.98	0.500	--	6.88	1.74	--	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.325	0.200	--	1.01	0.623	--	
76-13-1	Freon-113	0.072	0.050	--	0.552	0.383	--	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-34-3	1,1-Dichloroethane	ND	0.020	--	ND	0.081	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	3.90	0.500	--	11.5	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	0.103	0.020	--	0.503	0.098	--	
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-03	Date Collected	: 09/27/24 13:10
Client ID	: SV-03	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 17:08
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227071_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.020	--	ND	0.081	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
71-43-2	Benzene	ND	0.100	--	ND	0.319	--	U
56-23-5	Carbon tetrachloride	0.021	0.020	--	0.132	0.126	--	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.020	--	ND	0.092	--	U
75-27-4	Bromodichloromethane	ND	0.020	--	ND	0.134	--	U
123-91-1	1,4-Dioxane	ND	0.100	--	ND	0.360	--	U
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--	U
108-88-3	Toluene	ND	0.100	--	ND	0.377	--	U
591-78-6	2-Hexanone	0.504	0.200	--	2.07	0.820	--	
124-48-1	Dibromochloromethane	ND	0.020	--	ND	0.170	--	U
106-93-4	1,2-Dibromoethane	ND	0.020	--	ND	0.154	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U
108-90-7	Chlorobenzene	ND	0.100	--	ND	0.461	--	U
100-41-4	Ethylbenzene	ND	0.020	--	ND	0.087	--	U
179601-23-1	p/m-Xylene	0.040	0.040	--	0.174	0.174	--	
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U
100-42-5	Styrene	ND	0.020	--	ND	0.085	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-03	Date Collected	: 09/27/24 13:10
Client ID	: SV-03	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 17:08
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227071_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--	U	
95-47-6	o-Xylene	ND	0.020	--	ND	0.087	--	U	
622-96-8	4-Ethyltoluene	ND	0.020	--	ND	0.098	--	U	
108-67-8	1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--	U	
95-63-6	1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--	U	
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
106-46-7	1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
95-50-1	1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--	U	
91-20-3	Naphthalene	ND	0.050	--	ND	0.262	--	U	
87-68-3	Hexachlorobutadiene	ND	0.050	--	ND	0.533	--	U	

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-04	Date Collected	: 09/27/24 14:00
Client ID	: SV-04	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 17:40
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227072_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	1.53	0.200	--	7.57	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.050	--	ND	0.349	--	U
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
106-99-0	1,3-Butadiene	ND	0.020	--	ND	0.044	--	U
74-83-9	Bromomethane	ND	0.020	--	ND	0.078	--	U
75-00-3	Chloroethane	ND	0.100	--	ND	0.264	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	13.0	1.00	--	30.9	2.38	--	J
75-69-4	Trichlorofluoromethane	0.218	0.050	--	1.23	0.281	--	
67-63-0	Isopropanol	ND	0.500	--	ND	1.23	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-65-0	Tertiary butyl Alcohol	3.18	0.500	--	9.64	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	0.093	0.050	--	0.713	0.383	--	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-34-3	1,1-Dichloroethane	ND	0.020	--	ND	0.081	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	36.9	0.500	--	109	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.020	--	ND	0.098	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-04	Date Collected	: 09/27/24 14:00
Client ID	: SV-04	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 17:40
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227072_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.020	--	ND	0.081	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	2.13	0.020	--	11.6	0.109	--	
71-43-2	Benzene	ND	0.100	--	ND	0.319	--	U
56-23-5	Carbon tetrachloride	ND	0.020	--	ND	0.126	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.020	--	ND	0.092	--	U
75-27-4	Bromodichloromethane	ND	0.020	--	ND	0.134	--	U
123-91-1	1,4-Dioxane	ND	0.100	--	ND	0.360	--	U
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--	U
108-88-3	Toluene	ND	0.100	--	ND	0.377	--	U
591-78-6	2-Hexanone	2.94	0.200	--	12.0	0.820	--	
124-48-1	Dibromochloromethane	ND	0.020	--	ND	0.170	--	U
106-93-4	1,2-Dibromoethane	ND	0.020	--	ND	0.154	--	U
127-18-4	Tetrachloroethene	0.021	0.020	--	0.142	0.136	--	
108-90-7	Chlorobenzene	ND	0.100	--	ND	0.461	--	U
100-41-4	Ethylbenzene	ND	0.020	--	ND	0.087	--	U
179601-23-1	p/m-Xylene	ND	0.040	--	ND	0.174	--	U
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U
100-42-5	Styrene	ND	0.020	--	ND	0.085	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-04	Date Collected	: 09/27/24 14:00
Client ID	: SV-04	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 17:40
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227072_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--	U	
95-47-6	o-Xylene	ND	0.020	--	ND	0.087	--	U	
622-96-8	4-Ethyltoluene	ND	0.020	--	ND	0.098	--	U	
108-67-8	1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--	U	
95-63-6	1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--	U	
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
106-46-7	1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
95-50-1	1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--	U	
91-20-3	Naphthalene	ND	0.050	--	ND	0.262	--	U	
87-68-3	Hexachlorobutadiene	ND	0.050	--	ND	0.533	--	U	

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-05	Date Collected	: 09/27/24 13:20
Client ID	: SV-05R	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 18:45
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227074_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.372	0.200	--	1.84	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.050	--	ND	0.349	--	U
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
106-99-0	1,3-Butadiene	ND	0.020	--	ND	0.044	--	U
74-83-9	Bromomethane	ND	0.020	--	ND	0.078	--	U
75-00-3	Chloroethane	ND	0.100	--	ND	0.264	--	U
64-17-5	Ethanol	7.32	5.00	--	13.8	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	12.1	1.00	--	28.7	2.38	--	J
75-69-4	Trichlorofluoromethane	0.182	0.050	--	1.02	0.281	--	
67-63-0	Isopropanol	ND	0.500	--	ND	1.23	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-65-0	Tertiary butyl Alcohol	3.21	0.500	--	9.73	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.263	0.200	--	0.819	0.623	--	
76-13-1	Freon-113	0.070	0.050	--	0.537	0.383	--	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-34-3	1,1-Dichloroethane	ND	0.020	--	ND	0.081	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	26.6	0.500	--	78.5	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	0.391	0.020	--	1.91	0.098	--	
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-05	Date Collected	: 09/27/24 13:20
Client ID	: SV-05R	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 18:45
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227074_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.020	--	ND	0.081	--	U
110-54-3	n-Hexane	0.405	0.200	--	1.43	0.705	--	
71-55-6	1,1,1-Trichloroethane	0.026	0.020	--	0.142	0.109	--	
71-43-2	Benzene	ND	0.100	--	ND	0.319	--	U
56-23-5	Carbon tetrachloride	0.061	0.020	--	0.384	0.126	--	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.020	--	ND	0.092	--	U
75-27-4	Bromodichloromethane	ND	0.020	--	ND	0.134	--	U
123-91-1	1,4-Dioxane	ND	0.100	--	ND	0.360	--	U
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	0.210	0.200	--	0.861	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--	U
108-88-3	Toluene	0.115	0.100	--	0.433	0.377	--	
591-78-6	2-Hexanone	3.44	0.200	--	14.1	0.820	--	
124-48-1	Dibromochloromethane	ND	0.020	--	ND	0.170	--	U
106-93-4	1,2-Dibromoethane	ND	0.020	--	ND	0.154	--	U
127-18-4	Tetrachloroethene	0.067	0.020	--	0.454	0.136	--	
108-90-7	Chlorobenzene	ND	0.100	--	ND	0.461	--	U
100-41-4	Ethylbenzene	0.031	0.020	--	0.135	0.087	--	
179601-23-1	p/m-Xylene	0.149	0.040	--	0.647	0.174	--	
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U
100-42-5	Styrene	ND	0.020	--	ND	0.085	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-05	Date Collected	: 09/27/24 13:20
Client ID	: SV-05R	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 18:45
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227074_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--	U	
95-47-6	o-Xylene	0.044	0.020	--	0.191	0.087	--		
622-96-8	4-Ethyltoluene	ND	0.020	--	ND	0.098	--	U	
108-67-8	1,3,5-Trimethybenzene	0.025	0.020	--	0.123	0.098	--		
95-63-6	1,2,4-Trimethylbenzene	0.049	0.020	--	0.241	0.098	--		
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
106-46-7	1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
95-50-1	1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--	U	
91-20-3	Naphthalene	ND	0.050	--	ND	0.262	--	U	
87-68-3	Hexachlorobutadiene	ND	0.050	--	ND	0.533	--	U	

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-07D	Date Collected	: 09/27/24 14:10
Client ID	: SV-07	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 19:18
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.25
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227075_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 111 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.531	0.450	--	2.63	2.23	--	
74-87-3	Chloromethane	ND	0.450	--	ND	0.929	--	U
76-14-2	Freon-114	ND	0.112	--	ND	0.783	--	U
75-01-4	Vinyl chloride	ND	0.045	--	ND	0.115	--	U
106-99-0	1,3-Butadiene	ND	0.045	--	ND	0.10	--	U
74-83-9	Bromomethane	ND	0.045	--	ND	0.175	--	U
75-00-3	Chloroethane	ND	0.225	--	ND	0.594	--	U
64-17-5	Ethanol	12.2	11.2	--	23.0	21.1	--	
593-60-2	Vinyl bromide	ND	0.450	--	ND	1.97	--	U
67-64-1	Acetone	53.4	2.25	--	127	5.34	--	J
75-69-4	Trichlorofluoromethane	0.333	0.112	--	1.87	0.629	--	
67-63-0	Isopropanol	ND	1.12	--	ND	2.75	--	U
75-35-4	1,1-Dichloroethene	ND	0.045	--	ND	0.178	--	U
75-65-0	Tertiary butyl Alcohol	47.5	1.12	--	144	3.40	--	
75-09-2	Methylene chloride	7.06	1.12	--	24.5	3.89	--	
107-05-1	3-Chloropropene	ND	0.450	--	ND	1.41	--	U
75-15-0	Carbon disulfide	1.02	0.450	--	3.18	1.40	--	
76-13-1	Freon-113	0.189	0.112	--	1.45	0.858	--	
156-60-5	trans-1,2-Dichloroethene	ND	0.045	--	ND	0.178	--	U
75-34-3	1,1-Dichloroethane	ND	0.045	--	ND	0.182	--	U
1634-04-4	Methyl tert butyl ether	ND	0.450	--	ND	1.62	--	U
78-93-3	2-Butanone	77.1	1.12	--	227	3.30	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.045	--	ND	0.178	--	U
141-78-6	Ethyl Acetate	ND	1.12	--	ND	4.04	--	U
67-66-3	Chloroform	0.115	0.045	--	0.562	0.220	--	
109-99-9	Tetrahydrofuran	ND	1.12	--	ND	3.30	--	U

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-07D	Date Collected	: 09/27/24 14:10
Client ID	: SV-07	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 19:18
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.25
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227075_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 111 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.045	--	ND	0.182	--	U
110-54-3	n-Hexane	ND	0.450	--	ND	1.59	--	U
71-55-6	1,1,1-Trichloroethane	1.58	0.045	--	8.62	0.246	--	
71-43-2	Benzene	0.569	0.225	--	1.82	0.719	--	
56-23-5	Carbon tetrachloride	ND	0.045	--	ND	0.283	--	U
110-82-7	Cyclohexane	ND	0.450	--	ND	1.55	--	U
78-87-5	1,2-Dichloropropane	ND	0.045	--	ND	0.208	--	U
75-27-4	Bromodichloromethane	ND	0.045	--	ND	0.301	--	U
123-91-1	1,4-Dioxane	ND	0.225	--	ND	0.811	--	U
79-01-6	Trichloroethene	ND	0.045	--	ND	0.242	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.450	--	ND	2.10	--	U
142-82-5	Heptane	ND	0.450	--	ND	1.84	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.045	--	ND	0.204	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.12	--	ND	4.59	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.045	--	ND	0.204	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.045	--	ND	0.246	--	U
108-88-3	Toluene	0.778	0.225	--	2.93	0.848	--	
591-78-6	2-Hexanone	6.79	0.450	--	27.8	1.84	--	
124-48-1	Dibromochloromethane	ND	0.045	--	ND	0.383	--	U
106-93-4	1,2-Dibromoethane	ND	0.045	--	ND	0.346	--	U
127-18-4	Tetrachloroethene	ND	0.045	--	ND	0.305	--	U
108-90-7	Chlorobenzene	ND	0.225	--	ND	1.04	--	U
100-41-4	Ethylbenzene	0.137	0.045	--	0.595	0.195	--	
179601-23-1	p/m-Xylene	0.308	0.090	--	1.34	0.391	--	
75-25-2	Bromoform	ND	0.045	--	ND	0.465	--	U
100-42-5	Styrene	0.092	0.045	--	0.393	0.192	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-07D	Date Collected	: 09/27/24 14:10
Client ID	: SV-07	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 19:18
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.25
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227075_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 111 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.045	--	ND	0.309	--	U	
95-47-6	o-Xylene	0.162	0.045	--	0.704	0.195	--		
622-96-8	4-Ethyltoluene	ND	0.045	--	ND	0.221	--	U	
108-67-8	1,3,5-Trimethybenzene	ND	0.045	--	ND	0.221	--	U	
95-63-6	1,2,4-Trimethylbenzene	ND	0.045	--	ND	0.221	--	U	
100-44-7	Benzyl chloride	ND	0.225	--	ND	1.17	--	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	0.045	--	ND	0.271	--	U	
106-46-7	1,4-Dichlorobenzene	ND	0.045	--	ND	0.271	--	U	
95-50-1	1,2-Dichlorobenzene	ND	0.045	--	ND	0.271	--	U	
120-82-1	1,2,4-Trichlorobenzene	ND	0.112	--	ND	0.831	--	U	
91-20-3	Naphthalene	ND	0.112	--	ND	0.587	--	U	
87-68-3	Hexachlorobutadiene	ND	0.112	--	ND	1.19	--	U	

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-08D	Date Collected	: 09/27/24 12:15
Client ID	: SV-08	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 19:52
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.051
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227076_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 238 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.333	0.210	--	1.65	1.04	--	
74-87-3	Chloromethane	ND	0.210	--	ND	0.434	--	U
76-14-2	Freon-114	ND	0.053	--	ND	0.367	--	U
75-01-4	Vinyl chloride	ND	0.021	--	ND	0.054	--	U
106-99-0	1,3-Butadiene	ND	0.021	--	ND	0.047	--	U
74-83-9	Bromomethane	ND	0.021	--	ND	0.082	--	U
75-00-3	Chloroethane	ND	0.105	--	ND	0.277	--	U
64-17-5	Ethanol	6.65	5.25	--	12.5	9.89	--	
593-60-2	Vinyl bromide	ND	0.210	--	ND	0.918	--	U
67-64-1	Acetone	18.4	1.05	--	43.7	2.49	--	J
75-69-4	Trichlorofluoromethane	0.282	0.053	--	1.58	0.295	--	
67-63-0	Isopropanol	ND	0.525	--	ND	1.29	--	U
75-35-4	1,1-Dichloroethene	ND	0.021	--	ND	0.083	--	U
75-65-0	Tertiary butyl Alcohol	37.3	0.525	--	113	1.59	--	
75-09-2	Methylene chloride	ND	0.525	--	ND	1.82	--	U
107-05-1	3-Chloropropene	ND	0.210	--	ND	0.657	--	U
75-15-0	Carbon disulfide	ND	0.210	--	ND	0.654	--	U
76-13-1	Freon-113	0.123	0.053	--	0.943	0.402	--	
156-60-5	trans-1,2-Dichloroethene	ND	0.021	--	ND	0.083	--	U
75-34-3	1,1-Dichloroethane	ND	0.021	--	ND	0.085	--	U
1634-04-4	Methyl tert butyl ether	ND	0.210	--	ND	0.757	--	U
78-93-3	2-Butanone	25.9	0.525	--	76.4	1.55	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.021	--	ND	0.083	--	U
141-78-6	Ethyl Acetate	ND	0.525	--	ND	1.89	--	U
67-66-3	Chloroform	0.897	0.021	--	4.38	0.103	--	
109-99-9	Tetrahydrofuran	ND	0.525	--	ND	1.55	--	U

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-08D	Date Collected	: 09/27/24 12:15
Client ID	: SV-08	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 19:52
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.051
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227076_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 238 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.021	--	ND	0.085	--	U
110-54-3	n-Hexane	ND	0.210	--	ND	0.740	--	U
71-55-6	1,1,1-Trichloroethane	6.23	0.021	--	34.0	0.115	--	
71-43-2	Benzene	ND	0.105	--	ND	0.335	--	U
56-23-5	Carbon tetrachloride	ND	0.021	--	ND	0.132	--	U
110-82-7	Cyclohexane	ND	0.210	--	ND	0.723	--	U
78-87-5	1,2-Dichloropropane	ND	0.021	--	ND	0.097	--	U
75-27-4	Bromodichloromethane	ND	0.021	--	ND	0.141	--	U
123-91-1	1,4-Dioxane	ND	0.105	--	ND	0.378	--	U
79-01-6	Trichloroethene	ND	0.021	--	ND	0.113	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.210	--	ND	0.981	--	U
142-82-5	Heptane	ND	0.210	--	ND	0.861	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.021	--	ND	0.095	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.525	--	ND	2.15	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.021	--	ND	0.095	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.021	--	ND	0.115	--	U
108-88-3	Toluene	ND	0.105	--	ND	0.396	--	U
591-78-6	2-Hexanone	1.03	0.210	--	4.22	0.861	--	
124-48-1	Dibromochloromethane	ND	0.021	--	ND	0.179	--	U
106-93-4	1,2-Dibromoethane	ND	0.021	--	ND	0.161	--	U
127-18-4	Tetrachloroethene	0.040	0.021	--	0.271	0.142	--	
108-90-7	Chlorobenzene	ND	0.105	--	ND	0.484	--	U
100-41-4	Ethylbenzene	ND	0.021	--	ND	0.091	--	U
179601-23-1	p/m-Xylene	0.042	0.042	--	0.182	0.182	--	
75-25-2	Bromoform	ND	0.021	--	ND	0.217	--	U
100-42-5	Styrene	ND	0.021	--	ND	0.089	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-08D	Date Collected	: 09/27/24 12:15
Client ID	: SV-08	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 19:52
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1.051
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227076_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 238 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
79-34-5	1,1,2,2-Tetrachloroethane	0.022	0.021	--	0.151	0.144	--		
95-47-6	o-Xylene	ND	0.021	--	ND	0.091	--	U	
622-96-8	4-Ethyltoluene	ND	0.021	--	ND	0.103	--	U	
108-67-8	1,3,5-Trimethybenzene	0.045	0.021	--	0.222	0.103	--		
95-63-6	1,2,4-Trimethylbenzene	0.032	0.021	--	0.155	0.103	--		
100-44-7	Benzyl chloride	ND	0.105	--	ND	0.544	--	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	0.021	--	ND	0.126	--	U	
106-46-7	1,4-Dichlorobenzene	ND	0.021	--	ND	0.126	--	U	
95-50-1	1,2-Dichlorobenzene	ND	0.021	--	ND	0.126	--	U	
120-82-1	1,2,4-Trichlorobenzene	ND	0.053	--	ND	0.390	--	U	
91-20-3	Naphthalene	ND	0.053	--	ND	0.275	--	U	
87-68-3	Hexachlorobutadiene	ND	0.053	--	ND	0.560	--	U	

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-10	Date Collected	: 09/27/24 14:25
Client ID	: SV-10	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 21:23
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227079_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.325	0.200	--	1.61	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.050	--	ND	0.349	--	U
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
106-99-0	1,3-Butadiene	ND	0.020	--	ND	0.044	--	U
74-83-9	Bromomethane	ND	0.020	--	ND	0.078	--	U
75-00-3	Chloroethane	ND	0.100	--	ND	0.264	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	5.70	1.00	--	13.5	2.38	--	J
75-69-4	Trichlorofluoromethane	0.271	0.050	--	1.52	0.281	--	
67-63-0	Isopropanol	ND	0.500	--	ND	1.23	--	U
75-35-4	1,1-Dichloroethene	0.058	0.020	--	0.230	0.079	--	
75-65-0	Tertiary butyl Alcohol	1.83	0.500	--	5.55	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.356	0.200	--	1.11	0.623	--	
76-13-1	Freon-113	0.222	0.050	--	1.70	0.383	--	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-34-3	1,1-Dichloroethane	ND	0.020	--	ND	0.081	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	19.0	0.500	--	56.0	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.020	--	ND	0.098	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-10	Date Collected	: 09/27/24 14:25
Client ID	: SV-10	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 21:23
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227079_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.020	--	ND	0.081	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	30.1	0.020	--	164	0.109	--	
71-43-2	Benzene	0.291	0.100	--	0.930	0.319	--	
56-23-5	Carbon tetrachloride	0.020	0.020	--	0.126	0.126	--	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.020	--	ND	0.092	--	U
75-27-4	Bromodichloromethane	ND	0.020	--	ND	0.134	--	U
123-91-1	1,4-Dioxane	ND	0.100	--	ND	0.360	--	U
79-01-6	Trichloroethene	0.376	0.020	--	2.02	0.107	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--	U
108-88-3	Toluene	0.627	0.100	--	2.36	0.377	--	
591-78-6	2-Hexanone	0.998	0.200	--	4.09	0.820	--	
124-48-1	Dibromochloromethane	ND	0.020	--	ND	0.170	--	U
106-93-4	1,2-Dibromoethane	ND	0.020	--	ND	0.154	--	U
127-18-4	Tetrachloroethene	0.339	0.020	--	2.30	0.136	--	J
108-90-7	Chlorobenzene	ND	0.100	--	ND	0.461	--	U
100-41-4	Ethylbenzene	0.129	0.020	--	0.560	0.087	--	
179601-23-1	p/m-Xylene	0.642	0.040	--	2.79	0.174	--	
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U
100-42-5	Styrene	0.036	0.020	--	0.153	0.085	--	J

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-10	Date Collected	: 09/27/24 14:25
Client ID	: SV-10	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 21:23
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227079_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--	U	
95-47-6	o-Xylene	0.183	0.020	--	0.795	0.087	--		
622-96-8	4-Ethyltoluene	0.097	0.020	--	0.477	0.098	--		
108-67-8	1,3,5-Trimethybenzene	0.144	0.020	--	0.708	0.098	--		
95-63-6	1,2,4-Trimethylbenzene	0.578	0.020	--	2.84	0.098	--		
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
106-46-7	1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
95-50-1	1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--	U	
91-20-3	Naphthalene	0.188	0.050	--	0.986	0.262	--		
87-68-3	Hexachlorobutadiene	ND	0.050	--	ND	0.533	--	U	

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-11	Date Collected	: 09/27/24 14:30
Client ID	: SV-11	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 21:55
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227080_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.329	0.200	--	1.63	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.050	--	ND	0.349	--	U
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
106-99-0	1,3-Butadiene	ND	0.020	--	ND	0.044	--	U
74-83-9	Bromomethane	ND	0.020	--	ND	0.078	--	U
75-00-3	Chloroethane	ND	0.100	--	ND	0.264	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	51.9	1.00	--	123	2.38	--	J
75-69-4	Trichlorofluoromethane	0.209	0.050	--	1.17	0.281	--	
67-63-0	Isopropanol	ND	0.500	--	ND	1.23	--	U
75-35-4	1,1-Dichloroethene	0.085	0.020	--	0.337	0.079	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	2.06	0.050	--	15.8	0.383	--	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-34-3	1,1-Dichloroethane	ND	0.020	--	ND	0.081	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	11.8	0.500	--	34.8	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	0.071	0.020	--	0.347	0.098	--	
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-11	Date Collected	: 09/27/24 14:30
Client ID	: SV-11	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 21:55
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227080_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
107-06-2	1,2-Dichloroethane	ND	0.020	--	ND	0.081	--	U	
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U	
71-55-6	1,1,1-Trichloroethane	107	0.020	--	584	0.109	--	E	J
71-43-2	Benzene	0.149	0.100	--	0.476	0.319	--		
56-23-5	Carbon tetrachloride	0.067	0.020	--	0.421	0.126	--		
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U	
78-87-5	1,2-Dichloropropane	ND	0.020	--	ND	0.092	--	U	
75-27-4	Bromodichloromethane	ND	0.020	--	ND	0.134	--	U	
123-91-1	1,4-Dioxane	ND	0.100	--	ND	0.360	--	U	
79-01-6	Trichloroethene	0.189	0.020	--	1.02	0.107	--		
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U	
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U	
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U	
79-00-5	1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--	U	
108-88-3	Toluene	ND	0.100	--	ND	0.377	--	U	
591-78-6	2-Hexanone	1.42	0.200	--	5.82	0.820	--		
124-48-1	Dibromochloromethane	ND	0.020	--	ND	0.170	--	U	
106-93-4	1,2-Dibromoethane	ND	0.020	--	ND	0.154	--	U	
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U	
108-90-7	Chlorobenzene	ND	0.100	--	ND	0.461	--	U	
100-41-4	Ethylbenzene	ND	0.020	--	ND	0.087	--	U	
179601-23-1	p/m-Xylene	0.064	0.040	--	0.278	0.174	--		
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U	
100-42-5	Styrene	0.203	0.020	--	0.864	0.085	--		

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-11	Date Collected	: 09/27/24 14:30
Client ID	: SV-11	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 21:55
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227080_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--	U	
95-47-6	o-Xylene	0.027	0.020	--	0.117	0.087	--		
622-96-8	4-Ethyltoluene	ND	0.020	--	ND	0.098	--	U	
108-67-8	1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--	U	
95-63-6	1,2,4-Trimethylbenzene	0.043	0.020	--	0.211	0.098	--		
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
106-46-7	1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
95-50-1	1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--	U	
91-20-3	Naphthalene	ND	0.050	--	ND	0.262	--	U	
87-68-3	Hexachlorobutadiene	ND	0.050	--	ND	0.533	--	U	

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	**Lab Number**	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	**Project Number**	: 24-052B
Lab ID	: L2456385-11D	**Date Collected**	: 09/27/24 14:30
Client ID	: SV-11	**Date Received**	: 09/30/24
Sample Location	: VICTOR NY	**Date Analyzed**	: 10/06/24 22:38
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 10
Analytical Method	: 48,TO-15-SIM	**Analyst**	: BJB
Lab File ID	: R436330_EV2	**Instrument ID**	: AIRPIANO4
Sample Amount	: 25.0 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
71-55-6	1,1,1-Trichloroethane	194	0.200	--	1060	1.09	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-12	Date Collected	: 09/27/24 13:45
Client ID	: SV-12	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 22:27
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227081_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
75-71-8	Dichlorodifluoromethane	0.394	0.200	--	1.95	0.989	--		
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U	
76-14-2	Freon-114	ND	0.050	--	ND	0.349	--	U	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U	
106-99-0	1,3-Butadiene	ND	0.020	--	ND	0.044	--	U	
74-83-9	Bromomethane	ND	0.020	--	ND	0.078	--	U	
75-00-3	Chloroethane	ND	0.100	--	ND	0.264	--	U	
64-17-5	Ethanol	10.3	5.00	--	19.4	9.42	--		
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U	
67-64-1	Acetone	19.4	1.00	--	46.1	2.38	--		J
75-69-4	Trichlorofluoromethane	0.213	0.050	--	1.20	0.281	--		
67-63-0	Isopropanol	ND	0.500	--	ND	1.23	--	U	
75-35-4	1,1-Dichloroethene	7.14	0.020	--	28.3	0.079	--		
75-65-0	Tertiary butyl Alcohol	7.18	0.500	--	21.8	1.52	--		
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U	
75-15-0	Carbon disulfide	1.29	0.200	--	4.02	0.623	--		
76-13-1	Freon-113	0.604	0.050	--	4.63	0.383	--		
156-60-5	trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U	
75-34-3	1,1-Dichloroethane	ND	0.020	--	ND	0.081	--	U	
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U	
78-93-3	2-Butanone	66.8	0.500	--	197	1.47	--	E	J
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U	
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U	
67-66-3	Chloroform	0.101	0.020	--	0.493	0.098	--		
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U	

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-12	Date Collected	: 09/27/24 13:45
Client ID	: SV-12	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 22:27
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227081_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.020	--	ND	0.081	--	U
110-54-3	n-Hexane	0.707	0.200	--	2.49	0.705	--	
71-55-6	1,1,1-Trichloroethane	43.8	0.020	--	239	0.109	--	
71-43-2	Benzene	0.148	0.100	--	0.473	0.319	--	
56-23-5	Carbon tetrachloride	0.123	0.020	--	0.774	0.126	--	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.020	--	ND	0.092	--	U
75-27-4	Bromodichloromethane	ND	0.020	--	ND	0.134	--	U
123-91-1	1,4-Dioxane	ND	0.100	--	ND	0.360	--	U
79-01-6	Trichloroethene	1.82	0.020	--	9.78	0.107	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	0.208	0.200	--	0.852	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--	U
108-88-3	Toluene	ND	0.100	--	ND	0.377	--	U
591-78-6	2-Hexanone	4.14	0.200	--	17.0	0.820	--	
124-48-1	Dibromochloromethane	ND	0.020	--	ND	0.170	--	U
106-93-4	1,2-Dibromoethane	ND	0.020	--	ND	0.154	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U
108-90-7	Chlorobenzene	ND	0.100	--	ND	0.461	--	U
100-41-4	Ethylbenzene	ND	0.020	--	ND	0.087	--	U
179601-23-1	p/m-Xylene	0.040	0.040	--	0.174	0.174	--	
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U
100-42-5	Styrene	ND	0.020	--	ND	0.085	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-12	Date Collected	: 09/27/24 13:45
Client ID	: SV-12	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 22:27
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227081_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--	U	
95-47-6	o-Xylene	ND	0.020	--	ND	0.087	--	U	
622-96-8	4-Ethyltoluene	ND	0.020	--	ND	0.098	--	U	
108-67-8	1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--	U	
95-63-6	1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--	U	
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
106-46-7	1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
95-50-1	1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--	U	
91-20-3	Naphthalene	ND	0.050	--	ND	0.262	--	U	
87-68-3	Hexachlorobutadiene	ND	0.050	--	ND	0.533	--	U	

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	**Lab Number**	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	**Project Number**	: 24-052B
Lab ID	: L2456385-12D	**Date Collected**	: 09/27/24 13:45
Client ID	: SV-12	**Date Received**	: 09/30/24
Sample Location	: VICTOR NY	**Date Analyzed**	: 10/06/24 23:15
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 10
Analytical Method	: 48,TO-15-SIM	**Analyst**	: BJB
Lab File ID	: R436331_EV2	**Instrument ID**	: AIRPIANO4
Sample Amount	: 25.0 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
78-93-3	2-Butanone	110	5.00	--	324	14.7	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-13	Date Collected	: 09/27/24 12:30
Client ID	: SV-13	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 22:59
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227082_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.331	0.200	--	1.64	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.050	--	ND	0.349	--	U
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
106-99-0	1,3-Butadiene	ND	0.020	--	ND	0.044	--	U
74-83-9	Bromomethane	ND	0.020	--	ND	0.078	--	U
75-00-3	Chloroethane	ND	0.100	--	ND	0.264	--	U
64-17-5	Ethanol	14.0	5.00	--	26.4	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	17.3	1.00	--	41.1	2.38	--	J
75-69-4	Trichlorofluoromethane	0.208	0.050	--	1.17	0.281	--	
67-63-0	Isopropanol	ND	0.500	--	ND	1.23	--	U
75-35-4	1,1-Dichloroethene	0.055	0.020	--	0.218	0.079	--	
75-65-0	Tertiary butyl Alcohol	0.811	0.500	--	2.46	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	0.090	0.050	--	0.690	0.383	--	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-34-3	1,1-Dichloroethane	ND	0.020	--	ND	0.081	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	40.6	0.500	--	120	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	0.335	0.020	--	1.64	0.098	--	
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-13	Date Collected	: 09/27/24 12:30
Client ID	: SV-13	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 22:59
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227082_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.020	--	ND	0.081	--	U
110-54-3	n-Hexane	0.538	0.200	--	1.90	0.705	--	
71-55-6	1,1,1-Trichloroethane	11.2	0.020	--	61.1	0.109	--	
71-43-2	Benzene	ND	0.100	--	ND	0.319	--	U
56-23-5	Carbon tetrachloride	0.031	0.020	--	0.195	0.126	--	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.020	--	ND	0.092	--	U
75-27-4	Bromodichloromethane	ND	0.020	--	ND	0.134	--	U
123-91-1	1,4-Dioxane	ND	0.100	--	ND	0.360	--	U
79-01-6	Trichloroethene	7.92	0.020	--	42.6	0.107	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	0.319	0.200	--	1.31	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--	U
108-88-3	Toluene	0.100	0.100	--	0.377	0.377	--	
591-78-6	2-Hexanone	4.75	0.200	--	19.5	0.820	--	
124-48-1	Dibromochloromethane	ND	0.020	--	ND	0.170	--	U
106-93-4	1,2-Dibromoethane	ND	0.020	--	ND	0.154	--	U
127-18-4	Tetrachloroethene	0.029	0.020	--	0.197	0.136	--	
108-90-7	Chlorobenzene	ND	0.100	--	ND	0.461	--	U
100-41-4	Ethylbenzene	ND	0.020	--	ND	0.087	--	U
179601-23-1	p/m-Xylene	0.056	0.040	--	0.243	0.174	--	
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U
100-42-5	Styrene	0.020	0.020	--	0.085	0.085	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-13	Date Collected	: 09/27/24 12:30
Client ID	: SV-13	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 22:59
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227082_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--	U	
95-47-6	o-Xylene	0.021	0.020	--	0.091	0.087	--		
622-96-8	4-Ethyltoluene	ND	0.020	--	ND	0.098	--	U	
108-67-8	1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--	U	
95-63-6	1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--	U	
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
106-46-7	1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
95-50-1	1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--	U	
91-20-3	Naphthalene	ND	0.050	--	ND	0.262	--	U	
87-68-3	Hexachlorobutadiene	ND	0.050	--	ND	0.533	--	U	

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-14	Date Collected	: 09/27/24 16:10
Client ID	: DUP0927A	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 23:33
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227083_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.356	0.200	--	1.76	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.050	--	ND	0.349	--	U
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
106-99-0	1,3-Butadiene	ND	0.020	--	ND	0.044	--	U
74-83-9	Bromomethane	ND	0.020	--	ND	0.078	--	U
75-00-3	Chloroethane	ND	0.100	--	ND	0.264	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	6.63	1.00	--	15.7	2.38	--	J
75-69-4	Trichlorofluoromethane	0.276	0.050	--	1.55	0.281	--	
67-63-0	Isopropanol	ND	0.500	--	ND	1.23	--	U
75-35-4	1,1-Dichloroethene	0.058	0.020	--	0.230	0.079	--	
75-65-0	Tertiary butyl Alcohol	2.10	0.500	--	6.37	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.544	0.200	--	1.69	0.623	--	
76-13-1	Freon-113	0.225	0.050	--	1.72	0.383	--	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
75-34-3	1,1-Dichloroethane	ND	0.020	--	ND	0.081	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	19.3	0.500	--	56.9	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.020	--	ND	0.098	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-14	Date Collected	: 09/27/24 16:10
Client ID	: DUP0927A	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 23:33
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227083_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
107-06-2	1,2-Dichloroethane	ND	0.020	--	ND	0.081	--	U	
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U	
71-55-6	1,1,1-Trichloroethane	30.7	0.020	--	168	0.109	--		
71-43-2	Benzene	0.318	0.100	--	1.02	0.319	--		
56-23-5	Carbon tetrachloride	ND	0.020	--	ND	0.126	--	U	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U	
78-87-5	1,2-Dichloropropane	ND	0.020	--	ND	0.092	--	U	
75-27-4	Bromodichloromethane	ND	0.020	--	ND	0.134	--	U	
123-91-1	1,4-Dioxane	ND	0.100	--	ND	0.360	--	U	
79-01-6	Trichloroethene	0.370	0.020	--	1.99	0.107	--		
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U	
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U	
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--	U	
79-00-5	1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--	U	
108-88-3	Toluene	0.921	0.100	--	3.47	0.377	--		
591-78-6	2-Hexanone	1.11	0.200	--	4.55	0.820	--		
124-48-1	Dibromochloromethane	ND	0.020	--	ND	0.170	--	U	
106-93-4	1,2-Dibromoethane	ND	0.020	--	ND	0.154	--	U	
127-18-4	Tetrachloroethene	0.050	0.020	--	0.339	0.136	--		J
108-90-7	Chlorobenzene	ND	0.100	--	ND	0.461	--	U	
100-41-4	Ethylbenzene	0.196	0.020	--	0.851	0.087	--		
179601-23-1	p/m-Xylene	0.923	0.040	--	4.01	0.174	--		
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U	
100-42-5	Styrene	0.072	0.020	--	0.307	0.085	--		J

MKP 10/15/2024

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2456385
Project Name	: DLS/MODOCK RD SPRINGS	Project Number	: 24-052B
Lab ID	: L2456385-14	Date Collected	: 09/27/24 16:10
Client ID	: DUP0927A	Date Received	: 09/30/24
Sample Location	: VICTOR NY	Date Analyzed	: 10/05/24 23:33
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: BJB
Lab File ID	: R227083_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3				
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	
79-34-5	1,1,2,2-Tetrachloroethane	0.024	0.020	--	0.165	0.137	--		
95-47-6	o-Xylene	0.277	0.020	--	1.20	0.087	--		
622-96-8	4-Ethyltoluene	0.122	0.020	--	0.600	0.098	--		
108-67-8	1,3,5-Trimethybenzene	0.170	0.020	--	0.836	0.098	--		
95-63-6	1,2,4-Trimethylbenzene	0.667	0.020	--	3.28	0.098	--		
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
106-46-7	1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
95-50-1	1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--	U	
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--	U	
91-20-3	Naphthalene	0.174	0.050	--	0.912	0.262	--		
87-68-3	Hexachlorobutadiene	ND	0.050	--	ND	0.533	--	U	

MKP 10/15/2024

Appendix B

Laboratory QC Documentation

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airlab22\2024\09\0920SIM_I\
Data File : r226685_Ev2.D
Acq On : 21 Sep 2024 1:01 AM
Operator : AIRLAB22:JMB
Sample : CTO15-SIMSTD5.0
Misc : WG1975218
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 21 10:08:14 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\09\0920SIM_I\TSIM22_240920.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Sep 21 10:07:47 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	84	0.00
2		propylene	0.721	0.866	-20.1	113	0.00
3		dichlorodifluoromethane	0.813	0.739	9.1	75	0.00
4	C	chloromethane	0.457	0.455	0.4	87	0.00
5		Freon-114	1.147	1.192	-3.9	85	0.00
6	C	vinyl chloride	0.591	0.571	3.4	81	0.00
7	C	1,3-butadiene	0.374	0.412	-10.2	92	0.00
8	C	bromomethane	0.414	0.400	3.4	85	0.00
9	C	chloroethane	0.251	0.252	-0.4	87	0.00
10		ethanol	0.211	0.256	-21.3	121	0.00
11	C	vinyl bromide	0.453	0.508	-12.1	87	0.00
12	C	acrolein	0.198	0.173	12.6	86	0.00
13		acetone	0.482	0.674	-39.8#	130	0.00
14		trichlorofluoromethane	0.557	0.559	-0.4	86	0.00
15		isopropyl alcohol	0.733	0.945	-28.9	115	0.00
16	C	acrylonitrile	0.360	0.367	-1.9	93	0.00
17	C	1,1-dichloroethene	1.027	0.996	3.0	88	0.00
18		tertiary butyl alcohol	1.237	1.228	0.7	86	0.00
19	C	methylene chloride	0.781	0.817	-4.6	91	0.00
20	C	3-chloropropene	1.212	1.352	-11.6	99	0.00
21	C	carbon disulfide	2.187	2.262	-3.4	89	0.00
22		Freon 113	1.337	1.422	-6.4	92	0.00
23		trans-1,2-dichloroethene	1.119	1.107	1.1	84	0.00
24	C	1,1-dichloroethane	1.423	1.417	0.4	85	0.00
25	C	MTBE	1.754	1.822	-3.9	88	0.00
26	C	vinyl acetate	1.377	1.482	-7.6	99	0.00
27	C	2-butanone	1.781	1.879	-5.5	93	0.00
28		cis-1,2-dichloroethene	1.036	1.005	3.0	83	0.00
29		Ethyl Acetate	0.269	0.309	-14.9	98	0.00
30	C	chloroform	1.160	1.053	9.2	76	0.00
31		Tetrahydrofuran	1.121	1.203	-7.3	92	0.00
32	C	1,2-dichloroethane	0.630	0.525	16.7	69	0.00
33	I	1,4-difluorobenzene	1.000	1.000	0.0	84	0.00
34	C	hexane	0.367	0.380	-3.5	87	0.00
35	s	1,2-dichloroethane-D4	0.178	0.149	16.3	68	0.00
36	C	1,1,1-trichloroethane	0.286	0.248	13.3	74	0.00
37	C	benzene	0.735	0.735	0.0	86	0.00
38	C	carbon tetrachloride	0.239	0.214	10.5	74	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airlab22\2024\09\0920SIM_I\
Data File : r226685_Ev2.D
Acq On : 21 Sep 2024 1:01 AM
Operator : AIRLAB22:JMB
Sample : CTO15-SIMSTD5.0
Misc : WG1975218
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Sep 21 10:08:14 2024
Quant Method : O:\Forensics\Data\Airlab22\2024\09\0920SIM_I\TSIM22_240920.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Sep 21 10:07:47 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39		cyclohexane	0.399	0.421	-5.5	88	0.00
40		Dibromomethane	0.213	0.206	3.3	89	0.00
41	C	1,2-dichloropropane	0.286	0.293	-2.4	90	0.00
42		bromodichloromethane	0.320	0.319	0.3	82	0.00
43	C	1,4-dioxane	0.173	0.182	-5.2	91	0.00
44	C	trichloroethene	0.358	0.363	-1.4	91	0.00
45	C	2,2,4-trimethylpentane	1.160	1.225	-5.6	88	0.00
46		heptane	0.476	0.537	-12.8	96	0.00
47	C	cis-1,3-dichloropropene	0.355	0.379	-6.8	91	0.00
48	C	4-methyl-2-pentanone	0.534	0.615	-15.2	96	0.00
49		trans-1,3-dichloropropene	0.260	0.277	-6.5	90	0.00
50	C	1,1,2-trichloroethane	0.303	0.316	-4.3	92	0.00
51	I	chlorobenzene-D5	1.000	1.000	0.0	76	0.00
52	C	toluene	9.513	10.305	-8.3	85	0.00
53	s	toluene-D8	8.573	9.474	-10.5	85	0.00
54		2-hexanone	4.964	6.224	-25.4	97	0.00
55		dibromochloromethane	3.877	4.616	-19.1	94	0.00
56	C	1,2-dibromoethane	4.015	4.386	-9.2	89	0.00
57	C	tetrachloroethene	4.185	4.513	-7.8	88	0.00
58		1,1,1,2-tetrachloroethane	3.058	3.235	-5.8	88	0.00
59	C	chlorobenzene	7.545	8.242	-9.2	89	0.00
60	C	ethylbenzene	11.586	12.266	-5.9	84	0.00
61	C	m+p-xylene	9.149	9.746	-6.5	84	0.00
62	C	bromoform	3.159	3.776	-19.5	95	0.00
63	C	styrene	7.757	8.832	-13.9	93	0.00
64	C	1,1,2,2-tetrachloroethane	6.152	6.712	-9.1	86	0.00
65	C	o-xylene	9.118	9.736	-6.8	85	0.00
66		1,2,3-Trichloropropane	4.553	4.913	-7.9	89	0.00
67	s	bromofluorobenzene	5.975	6.496	-8.7	83	0.00
68	C	isopropylbenzene	10.778	12.782	-18.6	94	0.00
69		Bromobenzene	6.056	6.619	-9.3	91	0.00
70		4-ethyl toluene	11.881	13.993	-17.8	94	0.00
71		1,3,5-trimethylbenzene	10.235	11.436	-11.7	89	0.00
72		tert-butylbenzene	9.616	10.748	-11.8	86	0.00
73		1,2,4-trimethylbenzene	10.231	11.300	-10.4	90	0.00
74	C	Benzyl Chloride	5.614	7.477	-33.2#	95	0.00
75		1,3-dichlorobenzene	7.949	8.760	-10.2	90	0.00
76	C	1,4-dichlorobenzene	8.026	8.814	-9.8	90	0.00

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

MarksEngineering

Exhibit D
Electronic Data Deliverable
(EDD)
(Provided Electronically)

jwolf@marksengineering.com

From: Noll, Rebecca <rnoll@LaBellaPC.com>
Sent: Wednesday, October 16, 2024 8:53 AM
To: NYENVEDD@dec.ny.gov; Gregory, Charles T (DEC)
Cc: jwolf@marksengineering.com
Subject: New EDD set for Modock Springs-DLS Sand and Gravel, Inc., Site 835013
Attachments: 20241016 0850.835013.NYSDEC_v5_MERGE.zip

Attached please find a new EDD set for Modock Springs-DLS Sand and Gravel, Inc., Site 835013.

Rebecca Noll
LaBella Associates | GIS & Environmental Specialist

300 State Street, Suite 201
Rochester, NY 14614
labellapc.com